TEXAS Department of State Health Services

# Texas Department of State Health Services

LABORATORY SERVICES SECTION, MC-1947
1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

PO BOX 149347
AUSTIN, TEXAS 78714-9347
1-888-963-7111
www.dshs.state.tx.us

## Pesticides by Method 508.1
## Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 01/12/2023
Report ID# : 20230112104147AG19909

Lab Sample ID# : AG19909
Sample Priority : NORMAL
TCEQ ID#(s) : 2208371

Water Source :
Entry Point(s) : EP001

Date Collected : 11/28/2022 09:21
Date Received : 11/29/2022
Date Analyzed : 12/06/2022

Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : JH
Sample Cond. : Acceptable

| Regulated Compounds | Result | Qualifier |
|---|---|---|
| Chlordane [1] | <0.2 | |
| Endrin [1] | <0.01 | |
| Heptachlor epoxide [1] | <0.02 | |
| Toxaphene [1] | <1. | |

| Screened Compounds | Result | Qualifier |
|---|---|---|
| Aroclor 1016 [2] | <0.08 | |
| Aroclor 1221 [2] | <20. | |
| Aroclor 1232 [2] | <0.5 | |
| Aroclor 1242 [2] | <0.3 | |
| Aroclor 1248 [2] | <0.1 | |
| Aroclor 1254 [2] | <0.1 | |
| Aroclor 1260 [2] | <0.2 | |

**Comments:**

EPA Method 525.2-Hydrocarbon pattern present in the sample. The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2016 Standard) requirements. The test results for analytes noted([2]) meet all TNI (2016 Standard) requirements for Aroclor Identification. Aroclor quantitation is not accredited.

**Authorized by Team Lead AVINYARD on 01/11/2023**

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## Semivolatiles Organic Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 01/12/2023
Report ID# : 20230112104147AG19909

Lab Sample ID# : AG19909
Sample Priority : NORMAL
TCEQ ID#(s) : 2208371

Water Source :
Entry Point(s) : EP001

Date Collected : 11/28/2022 09:21
Date Received : 11/29/2022
Date Analyzed : 12/01/2022
Extraction Date : 11/30/2022

Conc. Units : µg/L
Method : EPA 525.2
Analyst : KP
Sample Cond. : Acceptable

| Regulated Compounds | Result | Qualifier |
|---|---|---|
| Alachlor [1] | <0.2 | |
| Atrazine [1] | <0.1 | |
| Benzo[a]pyrene [1] | <0.02 | |
| alpha-Chlordane | <0.2 | |
| gamma-Chlordane | <0.2 | |
| trans-Nonachlor | <0.2 | |
| Di(2-ethylhexyl) adipate [1] | <0.6 | |
| Di(2-ethylhexyl) phthalate [1] | <0.6 | |
| Heptachlor [1] | <0.04 | |
| Hexachlorobenzene [1] | <0.1 | |
| Hexachlorocyclopentadiene [1] | <0.1 | * |
| Lindane [1] | <0.02 | |
| Methoxychlor [1] | <0.1 | |
| Simazine [1] | <0.07 | |

| Monitored Compounds | Result | Qualifier |
|---|---|---|
| Acenaphthene | <0.20 | |
| Acenaphthylene | <0.20 | |
| Aldrin | <0.20 | * |
| Anthracene | <0.20 | |
| Benzo(a)anthracene | <0.20 | |
| Benzo[b]fluoranthene | <0.20 | |
| Benzo[g,h,i]perylene | <0.20 | |
| Benzo[k]fluoranthene | <0.20 | |
| Bromacil | <0.20 | KX |
| Butachlor | <0.20 | |
| Butylbenzylphthalate | <2.0 | |
| 2-Chlorobiphenyl | <0.20 | |
| Chrysene | <0.20 | |
| Dibenz[a,h]anthracene | <0.20 | |
| Di-n-butylphthalate | <2.0 | |
| 2,3-Dichlorobiphenyl | <0.20 | |
| Dieldrin | <0.20 | |
| Diethylphthalate | <2.0 | |

| Monitored Compounds continued | Result | Qualifier |
|---|---|---|
| Dimethylphthalate | <2.0 | |
| Fluorene | <0.20 | |
| 2,2',3,3',4,4',6-Heptachlorobiphenyl | <0.50 | |
| 2,2',4,4',5,6'-Hexachlorobiphenyl | <0.20 | |
| Indeno[1,2,3-cd]pyrene | <0.20 | |
| Metolachlor | <0.20 | |
| Metribuzin | <0.20 | |
| Naphthalene | <0.20 | |
| 2,2',3,3',4,5',6,6'-Octachlorobiphenyl | <0.50 | |
| 2,2',3',4,6-Pentachlorobiphenyl | <0.20 | |
| Phenanthrene | <0.20 | |
| Propachlor | <0.20 | |
| Pyrene | <0.20 | |
| 2,2',4,4'-Tetrachlorobiphenyl | <0.20 | |
| 2,4,5-Trichlorobiphenyl | <0.20 | |
| Trifluralin | <0.20 | |

| Tentatively Identified Compounds | Result | Qualifier |
|---|---|---|
| DOCOSANE | 4.2 | |
| OCTADECANE | 2.7 | |
| HENEICOSANE | 9.1 | |
| DODECANE, 2,6,11-TRIMETHYL- | 9.0 | |
| EICOSANE | 4.3 | |

Tentative identification of the largest non-target peaks is provided by comparison with the EPA/NIH mass spectral library. Approximate quantitation is performed using internal standards and an assumed response factor of one.

**Comments:**

* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.
K - The associated laboratory fortified blank spike (and/or its duplicate) recovery was above method acceptance limits.
X - The Minimum Reporting Limit (MRL) verification check did not meet the method acceptance limits.

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## Semivolatiles Organic Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 01/12/2023
Report ID# : 20230112104147AG19909

| | | | | | |
|---|---|---|---|---|---|
| Lab Sample ID# : | AG19909 | Water Source : | Date Collected : | 11/28/2022 09:21 | Conc. Units : µg/L |
| Sample Priority : | NORMAL | Entry Point(s) : EP001 | Date Received : | 11/29/2022 | Method : EPA 525.2 |
| TCEQ ID#(s) : | 2208371 | | Date Analyzed : | 12/01/2022 | Analyst : KP |
| | | | Extraction Date : | 11/30/2022 | Sample Cond. : Acceptable |

EPA Method 525.2-Hydrocarbon pattern present in the sample. The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.

**Authorized by Team Lead AVINYARD on 01/11/2023**

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## Volatile Organic Compounds by GC/MS
## Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 12/22/2022
Report ID# : 20221222094639AG19867

Lab Sample ID# : AG19867
Sample Priority : NORMAL
TCEQ ID#(s) : 2204003
Water Source :
Entry Point(s) : EP001

Date Collected : 11/28/2022 09:21
Date Received : 11/29/2022
Date Analyzed : 11/29/2022

Conc. Units : µg/L
Method : EPA 524.2
Analyst : TB
Sample Cond. : Acceptable

| Regulated Cmpds.[40 CFR 141.61(a)] | Result | Qualifier |
|---|---|---|
| Benzene [1] | <0.5 | |
| Carbon tetrachloride [1] | <0.5 | |
| Monochlorobenzene [1] | <0.5 | |
| o-Dichlorobenzene [1] | <0.5 | |
| para-Dichlorobenzene [1] | <0.5 | |
| 1,2-Dichloroethane [1] | <0.5 | |
| 1,1-Dichloroethylene [1] | <0.5 | |
| cis-1,2-Dichloroethylene [1] | <0.5 | |
| trans-1,2-Dichloroethylene [1] | <0.5 | |
| 1,2-Dichloropropane [1] | <0.5 | |
| Dichloromethane [1] | <0.5 | |
| Ethylbenzene [1] | <0.5 | |
| Styrene [1] | <0.5 | |
| Tetrachloroethylene [1] | <0.5 | |
| Toluene [1] | <0.5 | |
| 1,2,4-Trichlorobenzene [1] | <0.5 | |
| 1,1,1-Trichloroethane [1] | <0.5 | |
| 1,1,2-Trichloroethane [1] | <0.5 | |
| Trichloroethylene [1] | <0.5 | |
| Vinyl chloride [1] | <0.5 | |
| Xylenes (total) [1] | <0.5 | |

| Monitored Cmpds.[40 CFR 141.40(e)] | Result | Qualifier |
|---|---|---|
| Chloroform | <1.0 | |
| Bromodichloromethane | <1.0 | |
| Dibromochloromethane | <1.0 | |
| Bromoform | 1.0 | G |
| Dibromomethane | <1.0 | |
| 1,3-Dichlorobenzene | <1.0 | |
| 1,1-Dichloropropene | <1.0 | |
| 1,1-Dichloroethane | <1.0 | |
| 1,1,2,2-Tetrachloroethane | <1.0 | NX |
| 1,3-Dichloropropane | <1.0 | |
| Chloromethane | <2.0 | |
| Bromomethane | <2.0 | N |
| 1,2,3-Trichloropropane | <1.0 | |
| 1,1,1,2-Tetrachloroethane | <1.0 | |
| Chloroethane | <2.0 | |
| 2,2-Dichloropropane | <1.0 | |
| 2-Chlorotoluene | <1.0 | |
| 4-Chlorotoluene | <1.0 | |
| Bromobenzene | <1.0 | |
| cis-1,3-Dichloropropene | <1.0 | |
| trans-1,3-Dichloropropene | <1.0 | |

| Monitored Cmpds.[40 CFR 141.40(j)] | Result | Qualifier |
|---|---|---|
| 1,2,4-Trimethylbenzene | <1.0 | |
| 1,2,3-Trichlorobenzene | <1.0 | |
| n-Propylbenzene | <1.0 | |
| n-Butylbenzene | <1.0 | |
| Naphthalene | <1.0 | |
| Hexachlorobutadiene | <1.0 | |
| 1,3,5-Trimethylbenzene | <1.0 | |
| 4-Isopropyltoluene | <1.0 | |
| Isopropylbenzene | <1.0 | |
| t-Butylbenzene | <1.0 | |
| s-Butylbenzene | <1.0 | |
| Trichlorofluoromethane | <2.0 | |
| Dichlorodifluoromethane | <2.0 | |
| Bromochloromethane | <1.0 | |

| Other Compounds | Result | Qualifier |
|---|---|---|
| Acetone | <10 | N |
| Acrylonitrile | <10 | |
| 2-Butanone (MEK) | <10 | |
| Carbon disulfide | <1.0 | |
| Ethyl methacrylate | <1.0 | |
| 2-Hexanone | <1.0 | |
| Iodomethane | <5.0 | |
| Methyl methacrylate | <1.0 | |
| 4-Methyl-2-pentanone (MIBK) | <2.0 | |
| Methyl-t-butyl ether (MTBE) | <0.5 | |
| Tetrahydrofuran | <5.0 | |

**Comments:**

G - CCV/LFB recovery was below method acceptance limits.
N - See sample comments.
X - The Minimum Reporting Limit (MRL) verification check did not meet the method acceptance limits.

EPA Method 524.2 - CCV/LFB recovery was above method acceptance limits. Bromomethane, Acetone and 1,1,2,2-Tetrachloroethane were not detected in the sample. The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2016 Standard) requirements.

**Authorized by Team Lead CJONES on 12/20/2022**

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## *NITRATE
## Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 12/06/2022
Report ID# : 20221206090010AG19765

Lab Sample ID# : AG19765
Sample Priority : NORMAL
TCEQ ID#(s) : 2235653

Water Source :
Entry Point(s) : EP001

Date Collected : 11/28/2022 09:21
Date Received : 11/29/2022

Sample Cond. : Acceptable

| Analyte | Result | Unit | Method | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|
| Nitrate as N [1] | **0.05** | mg/L | EPA 353.2 | 11/29/2022 13:20 | MD |

**Comments:**

The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2016 Standard) requirements.

**Authorized by Team Lead NPATEL on 12/05/2022**

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## EPA 552.2 Haloacetic Acids
## Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 10/06/2022
Report ID# : 20221006111344AG14100

Lab Sample ID# : AG14100
Sample Priority : NORMAL
TCEQ ID#(s) : 2247900

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 09/21/2022 15:33
Date Received : 09/22/2022
Date Analyzed : 10/01/2022
Extraction Date : 09/26/2022

Conc. Units : µg/L
Method : 552.2 Rev 1.0
Analyst : BF
Sample Cond. : Acceptable

| Regulated Compounds | Result | Qualifier |
|---|---|---|
| Monochloroacetic acid | <2.0 | |
| Dichloroacetic acid | <1.0 | |
| Trichloroacetic acid | <1.0 | |
| Monobromoacetic acid | <1.0 | |
| Dibromoacetic acid | **1.0** | |
| Total HAA5 [1] | **1.0** | |

| Monitored Compounds | Result | Qualifier |
|---|---|---|
| Bromochloroacetic acid | <1.0 | |
| Dalapon | <1.0 | |

**Comments:**

The test results on this report relate only to the sample identified on this report. The test results for analytes noted([1]) meet all TNI (2016 Standard) requirements.

**Authorized by Group Manager TDUNN on 10/06/2022**

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## Trihalomethanes by GC/MS
## Analysis Report

Submitter Identification Number: 2460027

HIGH GABRIEL WSC
KREITER, AHARON
PO BOX 2799
CEDAR PARK, TX 78630-2799

Date Reported : 10/06/2022
Report ID# : 20221006111344AG14100

Lab Sample ID# : AG14100
Sample Priority : NORMAL
TCEQ ID#(s) : 2247900

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 09/21/2022 15:33
Date Received : 09/22/2022
Date Analyzed : 10/02/2022

Conc. Units : µg/L
Method : EPA 524.2
Analyst : AK
Sample Cond. : Acceptable

| Trihalomethanes | Result | Qualifier |
|---|---|---|
| Chloroform | <1.0 | |
| Bromodichloromethane | <1.0 | |
| Dibromochloromethane | 1.5 | |
| Bromoform | 2.0 | |
| Total Trihalomethanes [1] | 3.5 | |

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2016 Standard) requirements.

**Authorized by Group Manager TDUNN on 10/06/2022**