

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032152.D
 Acq On : 28 Aug 2025 12:14
 Operator : SY/MD
 Sample : Q2893-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Aug 29 01:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 01:37:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/29/2025
 Supervised By : Mahesh Dadoda 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.959	168	211312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.843	114	374779	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.636	117	341128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174602	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	156476	51.778	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.560%	
35) Dibromofluoromethane	7.898	113	129684	49.320	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.640%	
50) Toluene-d8	10.325	98	460231	49.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.617	95	166980	48.920	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.840%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	3365	2.412	ug/l	91
3) Chloromethane	2.253	50	4688	3.205	ug/l	94
4) Vinyl Chloride	2.405	62	5482	2.885	ug/l	95
5) Bromomethane	2.820	94	4631	2.730	ug/l	87
6) Chloroethane	2.966	64	3925	2.933	ug/l	93
7) Trichlorofluoromethane	3.308	101	4265	2.266	ug/l	94
8) Diethyl Ether	3.716	74	5091	3.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	6168	2.909	ug/l	96
10) Methyl Iodide	4.301	142	8761	2.713	ug/l	99
11) Tert butyl alcohol	5.210	59	3165	17.122	ug/l #	85
12) 1,1-Dichloroethene	4.070	96	6223	2.786	ug/l	95
13) Acrolein	3.930	56	1246m	4.385	ug/l	
14) Allyl chloride	4.698	41	7568	2.386	ug/l	88
15) Acrylonitrile	5.405	53	8653	12.669	ug/l	92
16) Acetone	4.155	43	12323	18.829	ug/l	94
17) Carbon Disulfide	4.411	76	13121	2.349	ug/l #	95
18) Methyl Acetate	4.704	43	5661	2.715	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	10783	2.557	ug/l	97
20) Methylene Chloride	4.948	84	18280	5.967	ug/l #	95
21) trans-1,2-Dichloroethene	5.460	96	5980	2.397	ug/l #	75
22) Diisopropyl ether	6.338	45	17403	2.521	ug/l #	96
23) Vinyl Acetate	6.283	43	48403	10.311	ug/l	98
24) 1,1-Dichloroethane	6.240	63	12018	2.659	ug/l	98
25) 2-Butanone	7.197	43	12010	12.950	ug/l	98
26) 2,2-Dichloropropane	7.179	77	6574	2.746	ug/l	98
27) cis-1,2-Dichloroethene	7.179	96	7574	2.495	ug/l	97
28) Bromochloromethane	7.520	49	5648	2.730	ug/l	96
29) Tetrahydrofuran	7.557	42	7139	12.113	ug/l	91
30) Chloroform	7.691	83	13667	2.648	ug/l	98
31) Cyclohexane	7.965	56	14196	3.826	ug/l #	73
32) 1,1,1-Trichloroethane	7.886	97	10214	2.711	ug/l	96
36) 1,1-Dichloropropene	8.093	75	8202	2.406	ug/l	90
37) Ethyl Acetate	7.270	43	5268m	2.576	ug/l	
38) Carbon Tetrachloride	8.081	117	9148	2.503	ug/l	97
39) Methylcyclohexane	9.337	83	10158	2.516	ug/l	93
40) Benzene	8.337	78	26009	2.468	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032152.D
 Acq On : 28 Aug 2025 12:14
 Operator : SY/MD
 Sample : Q2893-03
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Aug 29 01:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 01:37:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	3062	2.695	ug/l #	68
42) 1,2-Dichloroethane	8.404	62	9611	2.631	ug/l	99
43) Isopropyl Acetate	8.435	43	8816	2.298	ug/l #	88
44) Trichloroethene	9.099	130	6803	2.567	ug/l	90
45) 1,2-Dichloropropane	9.374	63	6373	2.509	ug/l	92
46) Dibromomethane	9.465	93	4490	2.520	ug/l	94
47) Bromodichloromethane	9.648	83	9164	2.263	ug/l #	94
48) Methyl methacrylate	9.447	41	3612	2.043	ug/l	99
49) 1,4-Dioxane	9.459	88	890	41.340	ug/l #	74
51) 4-Methyl-2-Pentanone	10.215	43	23136	10.679	ug/l	98
52) Toluene	10.392	92	17133	2.488	ug/l	93
53) t-1,3-Dichloropropene	10.611	75	8142	2.279	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	9140	2.242	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	5846	2.523	ug/l	98
56) Ethyl methacrylate	10.654	69	6172	2.084	ug/l	98
57) 1,3-Dichloropropane	10.934	76	9319	2.402	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.929	63	16616	10.509	ug/l	97
59) 2-Hexanone	10.971	43	16263	10.794	ug/l	93
60) Dibromochloromethane	11.130	129	6099	2.175	ug/l	93
61) 1,2-Dibromoethane	11.239	107	5696	2.500	ug/l	96
64) Tetrachloroethene	10.867	164	6199	2.761	ug/l	95
65) Chlorobenzene	11.660	112	19871	2.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	6380	2.496	ug/l	97
67) Ethyl Benzene	11.727	91	30130	2.368	ug/l	99
68) m/p-Xylenes	11.837	106	22585	4.613	ug/l	99
69) o-Xylene	12.160	106	9870	2.131	ug/l	91
70) Styrene	12.178	104	17294	2.118	ug/l	98
71) Bromoform	12.349	173	3757	2.475	ug/l #	100
73) Isopropylbenzene	12.465	105	25229	2.127	ug/l	95
74) N-amyl acetate	12.270	43	6657	1.933	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.715	83	6810	2.416	ug/l	92
76) 1,2,3-Trichloropropane	12.763	75	5134m	2.347	ug/l	
77) Bromobenzene	12.745	156	8044	2.659	ug/l	96
78) n-propylbenzene	12.800	91	35414	2.459	ug/l	97
79) 2-Chlorotoluene	12.891	91	20379	2.314	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	22207	2.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.513	75	1721m	2.118	ug/l	
82) 4-Chlorotoluene	12.983	91	23892	2.535	ug/l	100
83) tert-Butylbenzene	13.202	119	19816	2.327	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	22431	2.159	ug/l	97
85) sec-Butylbenzene	13.379	105	29137	2.292	ug/l	97
86) p-Isopropyltoluene	13.489	119	24445	2.261	ug/l	96
87) 1,3-Dichlorobenzene	13.495	146	15713	2.580	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	15973	2.616	ug/l	89
89) n-Butylbenzene	13.818	91	24495	2.376	ug/l	99
90) Hexachloroethane	14.092	117	5193	2.626	ug/l	93
91) 1,2-Dichlorobenzene	13.861	146	14123	2.619	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	1244	2.498	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	8408	2.440	ug/l	96
94) Hexachlorobutadiene	15.220	225	4708	2.755	ug/l	94
95) Naphthalene	15.360	128	16832	2.159	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	8010	2.500	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
Data File : VW032152.D
Acq On : 28 Aug 2025 12:14
Operator : SY/MD
Sample : Q2893-03
Misc : 5.00g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2025

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

Quant Time: Aug 29 01:37:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 01:37:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Aug 29 01:37:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 01:37:47 2025
Response via : Initial Calibration

