

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032446.D
 Acq On : 17 Nov 2025 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 18 02:55:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	377695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	701028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	638930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	292929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	252312	51.816	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.640%			
35) Dibromofluoromethane	7.904	113	211261	50.334	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.660%			
50) Toluene-d8	10.325	98	825367	51.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.617	95	300100	49.337	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	96738	50.482	ug/l	95
3) Chloromethane	2.259	50	168331	51.248	ug/l	100
4) Vinyl Chloride	2.405	62	215241	51.923	ug/l	99
5) Bromomethane	2.826	94	146074	52.679	ug/l	93
6) Chloroethane	2.972	64	142605	52.581	ug/l	98
7) Trichlorofluoromethane	3.308	101	172280	53.008	ug/l	96
8) Diethyl Ether	3.722	74	133006	50.055	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.112	101	189546	53.538	ug/l	98
10) Methyl Iodide	4.307	142	289548	50.778	ug/l	99
11) Tert butyl alcohol	5.222	59	92118	218.778	ug/l	98
12) 1,1-Dichloroethene	4.082	96	211447	52.085	ug/l	98
13) Acrolein	3.929	56	131013	185.452	ug/l	99
14) Allyl chloride	4.710	41	406925	52.123	ug/l	98
15) Acrylonitrile	5.405	53	394426	256.726	ug/l	99
16) Acetone	4.161	43	397760	273.036	ug/l	98
17) Carbon Disulfide	4.423	76	638736	53.233	ug/l	98
18) Methyl Acetate	4.710	43	185009	51.284	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	420183	49.101	ug/l	97
20) Methylene Chloride	4.960	84	255473	49.036	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	241986	52.130	ug/l	97
22) Diisopropyl ether	6.344	45	833317	52.425	ug/l	96
23) Vinyl Acetate	6.283	43	2868194	263.369	ug/l	98
24) 1,1-Dichloroethane	6.246	63	462540	53.112	ug/l	100
25) 2-Butanone	7.197	43	552731	257.535	ug/l	99
26) 2,2-Dichloropropane	7.191	77	249567	51.420	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	284682	51.325	ug/l	98
28) Bromochloromethane	7.532	49	214262	52.055	ug/l	99
29) Tetrahydrofuran	7.551	42	352420	258.708	ug/l	99
30) Chloroform	7.691	83	455405	53.417	ug/l	100
31) Cyclohexane	7.971	56	405683	50.359	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	326013	53.530	ug/l	98
36) 1,1-Dichloropropene	8.093	75	328142	53.061	ug/l	98
37) Ethyl Acetate	7.276	43	236958	51.529	ug/l	99
38) Carbon Tetrachloride	8.087	117	298700	54.359	ug/l	97
39) Methylcyclohexane	9.343	83	413296	51.589	ug/l	95
40) Benzene	8.337	78	1021003	51.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032446.D
 Acq On : 17 Nov 2025 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 02:55:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	125344	49.619	ug/l	97
42) 1,2-Dichloroethane	8.410	62	306816	52.450	ug/l	99
43) Isopropyl Acetate	8.435	43	410946	50.469	ug/l	99
44) Trichloroethene	9.099	130	231613	49.979	ug/l	99
45) 1,2-Dichloropropane	9.374	63	261013	52.635	ug/l	97
46) Dibromomethane	9.465	93	152999	52.798	ug/l	97
47) Bromodichloromethane	9.654	83	346082	52.355	ug/l	98
48) Methyl methacrylate	9.441	41	190899	49.337	ug/l	94
49) 1,4-Dioxane	9.459	88	40499	997.632	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	1181483	262.469	ug/l	100
52) Toluene	10.392	92	642911	52.263	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	350354	51.464	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	405435	51.499	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	200378	50.405	ug/l	96
56) Ethyl methacrylate	10.648	69	311884	51.132	ug/l	99
57) 1,3-Dichloropropane	10.934	76	360902	50.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	874072	269.085	ug/l	99
59) 2-Hexanone	10.971	43	854142	259.350	ug/l	99
60) Dibromochloromethane	11.129	129	229247	51.639	ug/l	100
61) 1,2-Dibromoethane	11.233	107	194848	50.324	ug/l	99
64) Tetrachloroethene	10.867	164	186058	49.175	ug/l	94
65) Chlorobenzene	11.654	112	687996	49.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	216734	50.853	ug/l	99
67) Ethyl Benzene	11.727	91	1184425	49.707	ug/l	98
68) m/p-Xylenes	11.837	106	907800	101.469	ug/l	100
69) o-Xylene	12.166	106	427237	49.874	ug/l	100
70) Styrene	12.178	104	746220	50.639	ug/l	99
71) Bromoform	12.343	173	125485	49.709	ug/l	98
73) Isopropylbenzene	12.458	105	1084037	50.388	ug/l	100
74) N-amyl acetate	12.269	43	372231	49.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	260174	50.957	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	187747m	46.744	ug/l	
77) Bromobenzene	12.745	156	251084	49.293	ug/l	94
78) n-propylbenzene	12.800	91	1395750	53.274	ug/l	98
79) 2-Chlorotoluene	12.891	91	806501	50.426	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	896335	50.501	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	92294	52.631	ug/l	99
82) 4-Chlorotoluene	12.989	91	853458	51.305	ug/l	98
83) tert-Butylbenzene	13.202	119	770700	49.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	926078	51.299	ug/l	99
85) sec-Butylbenzene	13.379	105	1164641	50.649	ug/l	100
86) p-Isopropyltoluene	13.495	119	969548	51.068	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	506591	52.456	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	494934	50.023	ug/l	99
89) n-Butylbenzene	13.818	91	953446	51.403	ug/l	99
90) Hexachloroethane	14.086	117	176870	51.670	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	451020	50.874	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	44996	51.157	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	265681	47.092	ug/l	94
94) Hexachlorobutadiene	15.226	225	122492	52.268	ug/l	98
95) Naphthalene	15.360	128	691163	49.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	248672	48.550	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
Data File : VW032446.D
Acq On : 17 Nov 2025 10:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 18 02:55:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032446.D
 Acq On : 17 Nov 2025 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 02:55:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

