

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032207.D
 Acq On : 19 Sep 2025 10:57
 Operator : SY/MD
 Sample : VW0919SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/22/2025
 Supervised By : Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:05:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	180121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	317195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	296209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	152766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137322	53.309	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.620%			
35) Dibromofluoromethane	7.904	113	114146	51.292	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.580%			
50) Toluene-d8	10.325	98	401948	51.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.900%			
62) 4-Bromofluorobenzene	12.617	95	143136	49.548	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 99.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	30408	25.570	ug/l	98
3) Chloromethane	2.253	50	33623	26.966	ug/l	98
4) Vinyl Chloride	2.405	62	44317	27.365	ug/l	95
5) Bromomethane	2.820	94	38431	26.574	ug/l	95
6) Chloroethane	2.972	64	32272	28.296	ug/l	95
7) Trichlorofluoromethane	3.301	101	40766	25.405	ug/l	89
8) Diethyl Ether	3.722	74	29366	24.524	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	44283	24.498	ug/l	99
10) Methyl Iodide	4.313	142	60136	21.849	ug/l	98
11) Tert butyl alcohol	5.234	59	17309	109.853	ug/l #	89
12) 1,1-Dichloroethene	4.082	96	48200	25.320	ug/l	97
13) Acrolein	3.936	56	13728	56.679	ug/l	97
14) Allyl chloride	4.704	41	57452	21.247	ug/l	97
15) Acrylonitrile	5.405	53	63945	109.836	ug/l	99
16) Acetone	4.161	43	81861	146.736	ug/l	100
17) Carbon Disulfide	4.423	76	104974	22.048	ug/l	98
18) Methyl Acetate	4.716	43	36795	20.700	ug/l	97
19) Methyl tert-butyl Ether	5.472	73	81279	22.610	ug/l	98
20) Methylene Chloride	4.954	84	60333	24.038	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	48451	22.783	ug/l	92
22) Diisopropyl ether	6.344	45	140267	23.834	ug/l	96
23) Vinyl Acetate	6.289	43	474432	118.570	ug/l	100
24) 1,1-Dichloroethane	6.246	63	89670	23.274	ug/l	98
25) 2-Butanone	7.197	43	97819	123.738	ug/l	100
26) 2,2-Dichloropropane	7.191	77	48342	23.693	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	57326	22.153	ug/l	99
28) Bromochloromethane	7.532	49	41084	23.294	ug/l	97
29) Tetrahydrofuran	7.557	42	55979	111.433	ug/l	99
30) Chloroform	7.697	83	103172	23.454	ug/l	97
31) Cyclohexane	7.971	56	69789	22.069	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	75545	23.526	ug/l	98
36) 1,1-Dichloropropene	8.099	75	64884	22.487	ug/l	98
37) Ethyl Acetate	7.276	43	38586	22.292	ug/l	99
38) Carbon Tetrachloride	8.087	117	67853	21.936	ug/l	96
39) Methylcyclohexane	9.343	83	73324	21.455	ug/l	94
40) Benzene	8.337	78	201486	22.590	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032207.D
 Acq On : 19 Sep 2025 10:57
 Operator : SY/MD
 Sample : VW0919SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
 Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:05:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	22598	23.498	ug/l	92
42) 1,2-Dichloroethane	8.410	62	71815	23.226	ug/l	100
43) Isopropyl Acetate	8.435	43	73083	22.506	ug/l	98
44) Trichloroethene	9.099	130	50030	22.305	ug/l	91
45) 1,2-Dichloropropane	9.374	63	49151	22.860	ug/l	99
46) Dibromomethane	9.465	93	34305	22.748	ug/l	94
47) Bromodichloromethane	9.654	83	77259	22.544	ug/l	97
48) Methyl methacrylate	9.447	41	32257	21.555	ug/l	95
49) 1,4-Dioxane	9.459	88	7994	438.728	ug/l	91
51) 4-Methyl-2-Pentanone	10.215	43	209103	114.041	ug/l	97
52) Toluene	10.392	92	127830	21.932	ug/l	94
53) t-1,3-Dichloropropene	10.611	75	65698	21.731	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	76315	22.123	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	45021	22.958	ug/l	98
56) Ethyl methacrylate	10.648	69	55153	21.999	ug/l	97
57) 1,3-Dichloropropane	10.934	76	72670	22.131	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	142016	106.126	ug/l	99
59) 2-Hexanone	10.971	43	148907	116.771	ug/l	95
60) Dibromochloromethane	11.129	129	52874	22.282	ug/l	98
61) 1,2-Dibromoethane	11.239	107	41666	21.606	ug/l	98
64) Tetrachloroethene	10.867	164	41100	21.082	ug/l	92
65) Chlorobenzene	11.660	112	146006	21.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	48486	21.843	ug/l	97
67) Ethyl Benzene	11.733	91	244058	22.094	ug/l	94
68) m/p-Xylenes	11.843	106	192714	45.329	ug/l	96
69) o-Xylene	12.166	106	87253	21.697	ug/l	98
70) Styrene	12.178	104	154596	21.808	ug/l	98
71) Bromoform	12.349	173	27583	20.922	ug/l #	97
73) Isopropylbenzene	12.464	105	216086	20.821	ug/l	99
74) N-amyl acetate	12.269	43	66367	22.026	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	55156	22.363	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	40918m	21.380	ug/l	
77) Bromobenzene	12.745	156	55913	21.127	ug/l	97
78) n-propylbenzene	12.800	91	288691	22.912	ug/l	95
79) 2-Chlorotoluene	12.891	91	169658	22.019	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	192201	21.873	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.513	75	15605	21.954	ug/l	95
82) 4-Chlorotoluene	12.983	91	182154	22.086	ug/l	100
83) tert-Butylbenzene	13.202	119	160527	21.546	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	198647	21.851	ug/l	97
85) sec-Butylbenzene	13.379	105	244263	21.959	ug/l	100
86) p-Isopropyltoluene	13.495	119	205597	21.734	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	114349	21.459	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	119723	22.414	ug/l	96
89) n-Butylbenzene	13.818	91	200964	22.283	ug/l	97
90) Hexachloroethane	14.092	117	37990	21.955	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	104920	22.238	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9568	21.959	ug/l	90
93) 1,2,4-Trichlorobenzene	15.129	180	62271	20.658	ug/l	98
94) Hexachlorobutadiene	15.232	225	29598	19.798	ug/l	97
95) Naphthalene	15.360	128	139468	20.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	56850	20.279	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032207.D
Acq On : 19 Sep 2025 10:57
Operator : SY/MD
Sample : VW0919SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2025
Supervised By :Mahesh Dadoda 09/22/2025

Quant Time: Sep 19 23:05:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

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

