

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031973.D
 Acq On : 01 Aug 2025 09:49
 Operator : SY/MD
 Sample : VW0801SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
 Supervised By :Semsettin Yesilyurt 08/04/2025

Quant Time: Aug 01 23:07:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	204409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161977	52.383	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.760%			
35) Dibromofluoromethane	7.898	113	138929	52.553	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.100%			
50) Toluene-d8	10.325	98	510960	51.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.617	95	195687	50.937	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	26226	17.263	ug/l	91
3) Chloromethane	2.253	50	38150	19.565	ug/l	99
4) Vinyl Chloride	2.399	62	46264	18.265	ug/l	94
5) Bromomethane	2.820	94	36788	19.723	ug/l	97
6) Chloroethane	2.966	64	33442	20.004	ug/l	96
7) Trichlorofluoromethane	3.302	101	39130	15.252	ug/l	96
8) Diethyl Ether	3.716	74	33556	19.580	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	48715	19.741	ug/l	96
10) Methyl Iodide	4.308	142	69558	18.853	ug/l	98
11) Tert butyl alcohol	5.216	59	20911	115.046	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	53794	19.737	ug/l	93
13) Acrolein	3.924	56	15768	54.663	ug/l	97
14) Allyl chloride	4.698	41	79388	18.710	ug/l	98
15) Acrylonitrile	5.399	53	80852	105.526	ug/l	99
16) Acetone	4.161	43	81896	111.611	ug/l	95
17) Carbon Disulfide	4.417	76	133303	18.858	ug/l	100
18) Methyl Acetate	4.710	43	44863	22.192	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	94780	20.126	ug/l	99
20) Methylene Chloride	4.948	84	63884	17.313	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	57339	19.828	ug/l	98
22) Diisopropyl ether	6.338	45	172471	20.314	ug/l	97
23) Vinyl Acetate	6.283	43	554073	99.891	ug/l	98
24) 1,1-Dichloroethane	6.240	63	108517	20.529	ug/l	99
25) 2-Butanone	7.191	43	112066	111.625	ug/l	98
26) 2,2-Dichloropropane	7.185	77	55144	18.426	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	68734	20.217	ug/l	99
28) Bromochloromethane	7.527	49	44375	20.050	ug/l #	15
29) Tetrahydrofuran	7.551	42	69425	105.474	ug/l	99
30) Chloroform	7.691	83	117578	21.214	ug/l	97
31) Cyclohexane	7.965	56	87414	18.432	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	83238	19.736	ug/l	98
36) 1,1-Dichloropropene	8.094	75	78401	19.312	ug/l	99
37) Ethyl Acetate	7.277	43	46676	20.154	ug/l	98
38) Carbon Tetrachloride	8.087	117	75591	19.401	ug/l	100
39) Methylcyclohexane	9.343	83	92733	18.151	ug/l	93
40) Benzene	8.331	78	241183	20.069	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031973.D
 Acq On : 01 Aug 2025 09:49
 Operator : SY/MD
 Sample : VW0801SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
 Supervised By :Semsettin Yesilyurt 08/04/2025

Quant Time: Aug 01 23:07:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29220	21.077	ug/l	96
42) 1,2-Dichloroethane	8.411	62	79225	20.598	ug/l	99
43) Isopropyl Acetate	8.435	43	82562	19.692	ug/l	99
44) Trichloroethene	9.099	130	56255	19.693	ug/l	100
45) 1,2-Dichloropropane	9.374	63	59759	20.647	ug/l	96
46) Dibromomethane	9.465	93	36920	20.578	ug/l	98
47) Bromodichloromethane	9.648	83	89630	20.833	ug/l	99
48) Methyl methacrylate	9.441	41	39606	19.856	ug/l	97
49) 1,4-Dioxane	9.459	88	9890	552.435	ug/l	96
51) 4-Methyl-2-Pentanone	10.209	43	242840	105.836	ug/l	99
52) Toluene	10.386	92	154706	20.025	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	79676	19.306	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	91609	19.438	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	49168	20.631	ug/l	94
56) Ethyl methacrylate	10.648	69	66980	19.900	ug/l	98
57) 1,3-Dichloropropane	10.934	76	87231	20.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.929	63	171564	99.235	ug/l	97
59) 2-Hexanone	10.971	43	168636	105.734	ug/l	98
60) Dibromochloromethane	11.130	129	56909	20.481	ug/l	98
61) 1,2-Dibromoethane	11.239	107	49593	21.060	ug/l	97
64) Tetrachloroethene	10.861	164	47641	20.337	ug/l	83
65) Chlorobenzene	11.660	112	169215	19.459	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	55290	20.510	ug/l	96
67) Ethyl Benzene	11.727	91	289325	18.937	ug/l	99
68) m/p-Xylenes	11.837	106	227948	39.631	ug/l	99
69) o-Xylene	12.166	106	106885	19.636	ug/l	100
70) Styrene	12.178	104	184711	19.931	ug/l	98
71) Bromoform	12.349	173	31240	21.189	ug/l #	99
73) Isopropylbenzene	12.465	105	268400	18.237	ug/l	99
74) N-amyl acetate	12.270	43	73747	18.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.709	83	64210	20.554	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	46702m	19.942	ug/l	
77) Bromobenzene	12.745	156	64000	20.098	ug/l	92
78) n-propylbenzene	12.800	91	338914	18.750	ug/l	99
79) 2-Chlorotoluene	12.891	91	205568	19.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	229932	18.628	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	18112	17.856	ug/l	92
82) 4-Chlorotoluene	12.983	91	216472	19.120	ug/l	98
83) tert-Butylbenzene	13.202	119	195715	18.615	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	239764	19.191	ug/l	99
85) sec-Butylbenzene	13.379	105	292934	18.553	ug/l	100
86) p-Isopropyltoluene	13.495	119	246860	18.915	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	134477	20.288	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	127388	19.618	ug/l	98
89) n-Butylbenzene	13.818	91	238599	18.637	ug/l	99
90) Hexachloroethane	14.086	117	43282	19.179	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	118631	20.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11068	19.611	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	66569	18.790	ug/l	95
94) Hexachlorobutadiene	15.232	225	31530	18.782	ug/l	99
95) Naphthalene	15.361	128	163926	18.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	61654	19.207	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031973.D
Acq On : 01 Aug 2025 09:49
Operator : SY/MD
Sample : VW0801SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Quant Time: Aug 01 23:07:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

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

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

