

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031882.D
 Acq On : 17 Jul 2025 11:51
 Operator : SY/MD
 Sample : VW0717SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:50:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	218368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	418079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	367858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	170253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170444	54.388	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 108.780%			
35) Dibromofluoromethane	7.904	113	136361	49.983	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.960%			
50) Toluene-d8	10.325	98	524424	51.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.617	95	202301	54.147	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.052	85	32491	21.848	ug/l	100
3) Chloromethane	2.259	50	39583	22.077	ug/l	97
4) Vinyl Chloride	2.412	62	51040	21.658	ug/l	94
5) Bromomethane	2.826	94	37740	20.503	ug/l	99
6) Chloroethane	2.979	64	34249	21.395	ug/l	99
7) Trichlorofluoromethane	3.308	101	49277	23.025	ug/l	98
8) Diethyl Ether	3.722	74	35917	22.085	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	49413	20.801	ug/l	100
10) Methyl Iodide	4.308	142	73606	20.099	ug/l	99
11) Tert butyl alcohol	5.222	59	21932	112.964	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54848	21.079	ug/l	95
13) Acrolein	3.936	56	38543	110.454	ug/l	92
14) Allyl chloride	4.710	41	84485	21.162	ug/l	96
15) Acrylonitrile	5.411	53	90150	112.726	ug/l	99
16) Acetone	4.161	43	68131	87.958	ug/l	96
17) Carbon Disulfide	4.423	76	136762	19.642	ug/l	96
18) Methyl Acetate	4.716	43	37149	16.781	ug/l	100
19) Methyl tert-butyl Ether	5.472	73	101726	23.034	ug/l	100
20) Methylene Chloride	4.960	84	65933	18.267	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	60123	21.746	ug/l	95
22) Diisopropyl ether	6.344	45	182967	23.499	ug/l	98
23) Vinyl Acetate	6.289	43	657811	123.690	ug/l	100
24) 1,1-Dichloroethane	6.252	63	111283	22.045	ug/l	99
25) 2-Butanone	7.197	43	117240	116.343	ug/l	99
26) 2,2-Dichloropropane	7.191	77	53272	18.088	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	70811	22.281	ug/l	99
28) Bromochloromethane	7.533	49	48138	21.610	ug/l	97
29) Tetrahydrofuran	7.557	42	81471	118.055	ug/l	99
30) Chloroform	7.697	83	119920	22.357	ug/l	95
31) Cyclohexane	7.972	56	97876	21.935	ug/l #	91
32) 1,1,1-Trichloroethane	7.892	97	84958	20.553	ug/l	99
36) 1,1-Dichloropropene	8.100	75	82489	20.895	ug/l	100
37) Ethyl Acetate	7.277	43	56207	22.570	ug/l	99
38) Carbon Tetrachloride	8.087	117	77394	19.238	ug/l	98
39) Methylcyclohexane	9.343	83	105322	21.443	ug/l	95
40) Benzene	8.337	78	249996	21.404	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	31081	23.298	ug/l	99
42) 1,2-Dichloroethane	8.410	62	84445	21.397	ug/l	99
43) Isopropyl Acetate	8.441	43	95400	22.223	ug/l	97
44) Trichloroethene	9.105	130	59927	20.557	ug/l	98
45) 1,2-Dichloropropane	9.374	63	59816	21.190	ug/l	100
46) Dibromomethane	9.465	93	39615	21.737	ug/l	95
47) Bromodichloromethane	9.654	83	89815	21.016	ug/l	99
48) Methyl methacrylate	9.447	41	45191	21.409	ug/l	96
49) 1,4-Dioxane	9.471	88	9686	453.788	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	274460	111.209	ug/l	98
52) Toluene	10.392	92	160528	21.466	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	85600	21.348	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	98325	21.631	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	51549	21.593	ug/l	97
56) Ethyl methacrylate	10.648	69	76651	23.667	ug/l	98
57) 1,3-Dichloropropane	10.934	76	91688	21.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	182347	102.247	ug/l	98
59) 2-Hexanone	10.971	43	194313	116.188	ug/l	100
60) Dibromochloromethane	11.136	129	56037	19.629	ug/l	97
61) 1,2-Dibromoethane	11.239	107	51000	21.340	ug/l	94
64) Tetrachloroethene	10.861	164	45287	18.821	ug/l #	89
65) Chlorobenzene	11.660	112	170081	20.956	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.727	131	54577	21.102	ug/l	98
67) Ethyl Benzene	11.733	91	303022	21.531	ug/l	97
68) m/p-Xylenes	11.837	106	231665	42.820	ug/l	100
69) o-Xylene	12.166	106	109483	21.856	ug/l	99
70) Styrene	12.178	104	191034	22.060	ug/l	99
71) Bromoform	12.349	173	30180	19.560	ug/l #	96
73) Isopropylbenzene	12.465	105	282352	21.803	ug/l	100
74) N-amyl acetate	12.270	43	90101	25.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	66690	23.196	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	52628m	23.920	ug/l	
77) Bromobenzene	12.745	156	62529	21.649	ug/l	96
78) n-propylbenzene	12.800	91	350510	22.602	ug/l	97
79) 2-Chlorotoluene	12.891	91	213392	22.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	240871	22.470	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	19627	20.778	ug/l	95
82) 4-Chlorotoluene	12.983	91	221327	22.575	ug/l	99
83) tert-Butylbenzene	13.202	119	196418	21.391	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	249572	22.978	ug/l	97
85) sec-Butylbenzene	13.379	105	310256	22.511	ug/l	99
86) p-Isopropyltoluene	13.495	119	251261	22.121	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	128627	22.206	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	127323	21.475	ug/l	95
89) n-Butylbenzene	13.818	91	246392	22.326	ug/l	99
90) Hexachloroethane	14.086	117	42404	20.693	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	117158	22.129	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.483	75	12398	22.085	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	68381	20.943	ug/l	99
94) Hexachlorobutadiene	15.226	225	30297	19.216	ug/l	90
95) Naphthalene	15.360	128	189006	23.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	59707	19.901	ug/l	94

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

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