

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
 Data File : VW031967.D
 Acq On : 31 Jul 2025 13:33
 Operator : SY/MD
 Sample : VW0731SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0731SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/01/2025
 Supervised By :Semsettin Yesilyurt 08/01/2025

Quant Time: Aug 01 01:14:32 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	7.953	168	218987	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	407285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	374501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	173752	52.450	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.900%			
35) Dibromofluoromethane	7.898	113	148418	53.628	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.260%			
50) Toluene-d8	10.325	98	545930	52.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.617	95	206734	51.401	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	31453	19.325	ug/l	98
3) Chloromethane	2.253	50	42486	20.338	ug/l	99
4) Vinyl Chloride	2.405	62	47425	17.476	ug/l	95
5) Bromomethane	2.820	94	37945	18.989	ug/l	95
6) Chloroethane	2.966	64	34921	19.498	ug/l	99
7) Trichlorofluoromethane	3.302	101	42619	15.506	ug/l	93
8) Diethyl Ether	3.716	74	34517	18.800	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	53333	20.174	ug/l	99
10) Methyl Iodide	4.308	142	74524	18.854	ug/l	97
11) Tert butyl alcohol	5.222	59	23630	121.350	ug/l	99
12) 1,1-Dichloroethene	4.076	96	57217	19.595	ug/l	96
13) Acrolein	3.930	56	17696	57.730	ug/l	94
14) Allyl chloride	4.698	41	80613	17.734	ug/l	99
15) Acrylonitrile	5.399	53	87592	106.713	ug/l	97
16) Acetone	4.161	43	110827	140.985	ug/l	98
17) Carbon Disulfide	4.417	76	136053	17.966	ug/l	99
18) Methyl Acetate	4.704	43	46307	21.382	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	100323	19.885	ug/l	99
20) Methylene Chloride	4.954	84	66319	16.618	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	60164	19.419	ug/l	92
22) Diisopropyl ether	6.338	45	175150	19.256	ug/l	97
23) Vinyl Acetate	6.277	43	605412	101.881	ug/l	99
24) 1,1-Dichloroethane	6.234	63	111965	19.771	ug/l	100
25) 2-Butanone	7.191	43	131684	122.434	ug/l	95
26) 2,2-Dichloropropane	7.173	77	57012	17.782	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	72087	19.792	ug/l	99
28) Bromochloromethane	7.526	49	46251	19.506	ug/l	98
29) Tetrahydrofuran	7.551	42	77081	109.310	ug/l	99
30) Chloroform	7.691	83	122081	20.560	ug/l	97
31) Cyclohexane	7.965	56	96303	18.955	ug/l #	92
32) 1,1,1-Trichloroethane	7.886	97	84295	18.656	ug/l	99
36) 1,1-Dichloropropene	8.093	75	81653	19.212	ug/l	100
37) Ethyl Acetate	7.270	43	52125	21.499	ug/l	100
38) Carbon Tetrachloride	8.081	117	78628	19.276	ug/l	100
39) Methylcyclohexane	9.337	83	100900	18.864	ug/l	98
40) Benzene	8.331	78	249732	19.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	27703	19.087	ug/l #	87
42) 1,2-Dichloroethane	8.410	62	83350	20.700	ug/l	98
43) Isopropyl Acetate	8.435	43	89645	20.424	ug/l	99
44) Trichloroethene	9.093	130	59127	19.771	ug/l	98
45) 1,2-Dichloropropane	9.374	63	60598	19.999	ug/l	96
46) Dibromomethane	9.459	93	39243	20.893	ug/l	98
47) Bromodichloromethane	9.648	83	90649	20.126	ug/l	96
48) Methyl methacrylate	9.441	41	42502	20.353	ug/l	96
49) 1,4-Dioxane	9.465	88	9552	509.654	ug/l #	78
51) 4-Methyl-2-Pentanone	10.209	43	269066	112.012	ug/l	99
52) Toluene	10.392	92	161037	19.911	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	83073	19.228	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	97567	19.775	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	53734	21.537	ug/l	95
56) Ethyl methacrylate	10.648	69	73824	20.951	ug/l	98
57) 1,3-Dichloropropane	10.934	76	92572	21.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	182522	100.844	ug/l	98
59) 2-Hexanone	10.971	43	185060	110.834	ug/l	100
60) Dibromochloromethane	11.129	129	61045	20.985	ug/l	98
61) 1,2-Dibromoethane	11.239	107	52313	21.219	ug/l	97
64) Tetrachloroethene	10.867	164	44804	18.146	ug/l	96
65) Chlorobenzene	11.660	112	176146	19.218	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	55699	19.602	ug/l	97
67) Ethyl Benzene	11.733	91	303487	18.845	ug/l	98
68) m/p-Xylenes	11.837	106	235020	38.766	ug/l	99
69) o-Xylene	12.166	106	108912	18.983	ug/l	97
70) Styrene	12.178	104	191105	19.564	ug/l	98
71) Bromoform	12.349	173	31783	20.452	ug/l #	92
73) Isopropylbenzene	12.459	105	288180	18.594	ug/l	99
74) N-amyl acetate	12.270	43	84128	20.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	67068	20.387	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	50311m	20.401	ug/l	
77) Bromobenzene	12.745	156	62434	18.619	ug/l	99
78) n-propylbenzene	12.800	91	348289	18.298	ug/l	99
79) 2-Chlorotoluene	12.885	91	212685	18.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	244671	18.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	20071	18.790	ug/l #	91
82) 4-Chlorotoluene	12.983	91	225385	18.904	ug/l	98
83) tert-Butylbenzene	13.202	119	202572	18.296	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	244834	18.610	ug/l	99
85) sec-Butylbenzene	13.379	105	306184	18.415	ug/l	98
86) p-Isopropyltoluene	13.495	119	260330	18.943	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	133110	19.069	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	131684	19.258	ug/l	99
89) n-Butylbenzene	13.818	91	247211	18.337	ug/l	99
90) Hexachloroethane	14.092	117	42377	17.832	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	117493	18.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11921	20.058	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	73861	19.798	ug/l	91
94) Hexachlorobutadiene	15.226	225	32086	18.150	ug/l	96
95) Naphthalene	15.354	128	172673	18.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	66012	19.529	ug/l	96

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

