

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031742.D
 Acq On : 01 Jul 2025 11:50
 Operator : SY/MD
 Sample : VW0701SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2025
 Supervised By :Semsettin Yesilyurt 07/03/2025

Quant Time: Jul 02 04:17:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	214759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	386945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160394	52.042	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.080%			
35) Dibromofluoromethane	7.905	113	130018	51.493	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.980%			
50) Toluene-d8	10.325	98	486892	51.816	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.640%			
62) 4-Bromofluorobenzene	12.617	95	179359	51.869	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	26947	18.424	ug/l	96
3) Chloromethane	2.253	50	35141	19.929	ug/l	97
4) Vinyl Chloride	2.406	62	45543	19.651	ug/l	93
5) Bromomethane	2.820	94	35265	19.481	ug/l	100
6) Chloroethane	2.972	64	31183	19.807	ug/l	95
7) Trichlorofluoromethane	3.302	101	40100	19.052	ug/l	99
8) Diethyl Ether	3.716	74	32493	20.316	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	45629	19.531	ug/l	99
10) Methyl Iodide	4.308	142	73565	20.425	ug/l	99
11) Tert butyl alcohol	5.228	59	20334	106.494	ug/l	100
12) 1,1-Dichloroethene	4.076	96	50440	19.711	ug/l	92
13) Acrolein	3.930	56	36458	106.235	ug/l	95
14) Allyl chloride	4.704	41	77815	19.819	ug/l	98
15) Acrylonitrile	5.405	53	84631	107.603	ug/l	99
16) Acetone	4.155	43	77919	102.285	ug/l	98
17) Carbon Disulfide	4.423	76	131401	19.189	ug/l	97
18) Methyl Acetate	4.710	43	46527	21.370	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	92740	21.352	ug/l	100
20) Methylene Chloride	4.960	84	66312	18.792	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	55590	20.444	ug/l	95
22) Diisopropyl ether	6.344	45	164160	21.438	ug/l	99
23) Vinyl Acetate	6.283	43	552529	105.639	ug/l	100
24) 1,1-Dichloroethane	6.240	63	100729	20.290	ug/l	99
25) 2-Butanone	7.197	43	108225	109.201	ug/l	97
26) 2,2-Dichloropropane	7.185	77	58466	20.185	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	63593	20.346	ug/l	98
28) Bromochloromethane	7.527	49	46298	21.133	ug/l	100
29) Tetrahydrofuran	7.551	42	74437	109.675	ug/l	98
30) Chloroform	7.697	83	109752	20.805	ug/l	97
31) Cyclohexane	7.972	56	86352	19.677	ug/l	90
32) 1,1,1-Trichloroethane	7.892	97	84579	20.805	ug/l	98
36) 1,1-Dichloropropene	8.094	75	74458	20.378	ug/l	99
37) Ethyl Acetate	7.277	43	50640	21.971	ug/l	97
38) Carbon Tetrachloride	8.087	117	72393	19.443	ug/l	98
39) Methylcyclohexane	9.343	83	88829	19.540	ug/l	96
40) Benzene	8.337	78	221693	20.508	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	25855	20.940	ug/l	94
42) 1,2-Dichloroethane	8.411	62	77731	21.281	ug/l	100
43) Isopropyl Acetate	8.435	43	83697	21.066	ug/l	99
44) Trichloroethene	9.099	130	54449	20.181	ug/l	96
45) 1,2-Dichloropropane	9.374	63	54374	20.812	ug/l	99
46) Dibromomethane	9.471	93	35908	21.288	ug/l	98
47) Bromodichloromethane	9.648	83	81910	20.709	ug/l	95
48) Methyl methacrylate	9.441	41	39644	20.293	ug/l	94
49) 1,4-Dioxane	9.465	88	6682	338.240	ug/l #	84
51) 4-Methyl-2-Pentanone	10.215	43	247694	108.439	ug/l	99
52) Toluene	10.392	92	144615	20.894	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	77096	20.774	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	85880	20.413	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	45989	20.814	ug/l	97
56) Ethyl methacrylate	10.648	69	63455	21.169	ug/l	100
57) 1,3-Dichloropropane	10.934	76	80306	20.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	174705	105.844	ug/l	96
59) 2-Hexanone	10.971	43	168502	108.862	ug/l	99
60) Dibromochloromethane	11.130	129	54635	20.678	ug/l	100
61) 1,2-Dibromoethane	11.239	107	46304	20.934	ug/l	98
64) Tetrachloroethene	10.867	164	43382	18.963	ug/l #	88
65) Chlorobenzene	11.660	112	155433	20.142	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.727	131	49845	20.270	ug/l	98
67) Ethyl Benzene	11.727	91	272831	20.389	ug/l	99
68) m/p-Xylenes	11.837	106	207656	40.370	ug/l	100
69) o-Xylene	12.166	106	97745	20.523	ug/l	98
70) Styrene	12.178	104	172086	20.901	ug/l	99
71) Bromoform	12.343	173	30268	20.633	ug/l #	97
73) Isopropylbenzene	12.465	105	256300	19.637	ug/l	100
74) N-amyl acetate	12.270	43	74045	21.047	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	59261	20.451	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	45286m	20.423	ug/l	
77) Bromobenzene	12.745	156	60638	20.830	ug/l	86
78) n-propylbenzene	12.800	91	313586	20.063	ug/l	99
79) 2-Chlorotoluene	12.885	91	188663	20.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	214684	19.871	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	18134	19.048	ug/l	89
82) 4-Chlorotoluene	12.989	91	196268	19.863	ug/l	99
83) tert-Butylbenzene	13.202	119	177211	19.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	226044	20.649	ug/l	97
85) sec-Butylbenzene	13.379	105	271413	19.539	ug/l	100
86) p-Isopropyltoluene	13.495	119	227552	19.877	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	114870	19.676	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	116132	19.435	ug/l	95
89) n-Butylbenzene	13.818	91	218948	19.684	ug/l	99
90) Hexachloroethane	14.086	117	39321	19.039	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	109022	20.432	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.477	75	11505	20.334	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	63537	19.308	ug/l	98
94) Hexachlorobutadiene	15.226	225	29392	18.497	ug/l	92
95) Naphthalene	15.361	128	160966	19.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	57227	18.926	ug/l	95

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

