

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031794.D
 Acq On : 10 Jul 2025 11:33
 Operator : SY/MD
 Sample : VW0710SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 11 02:17:01 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	226314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	415001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	365558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173637	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	167289	51.507	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.020%	
35) Dibromofluoromethane	7.904	113	135149	49.906	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.820%	
50) Toluene-d8	10.325	98	501996	49.812	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.617	95	192442	51.890	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	30178	19.580	ug/l	96
3) Chloromethane	2.259	50	36073	19.413	ug/l	97
4) Vinyl Chloride	2.405	62	50581	20.710	ug/l	95
5) Bromomethane	2.826	94	35400	18.557	ug/l	98
6) Chloroethane	2.972	64	32192	19.404	ug/l	97
7) Trichlorofluoromethane	3.301	101	36813	16.597	ug/l	94
8) Diethyl Ether	3.722	74	35786	21.232	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	50449	20.491	ug/l	98
10) Methyl Iodide	4.314	142	73975	19.491	ug/l	99
11) Tert butyl alcohol	5.228	59	19156	95.202	ug/l	97
12) 1,1-Dichloroethene	4.076	96	54559	20.232	ug/l	91
13) Acrolein	3.929	56	28198	77.971	ug/l	99
14) Allyl chloride	4.704	41	86231	20.841	ug/l	97
15) Acrylonitrile	5.411	53	81557	98.400	ug/l	99
16) Acetone	4.167	43	87339	108.797	ug/l	100
17) Carbon Disulfide	4.417	76	139598	19.345	ug/l	98
18) Methyl Acetate	4.710	43	43494	18.957	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	99089	21.649	ug/l	97
20) Methylene Chloride	4.960	84	86229	24.362	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	59156	20.645	ug/l	96
22) Diisopropyl ether	6.338	45	180751	22.399	ug/l	95
23) Vinyl Acetate	6.283	43	597042	108.322	ug/l	98
24) 1,1-Dichloroethane	6.246	63	110704	21.161	ug/l	98
25) 2-Butanone	7.197	43	119126	114.064	ug/l	98
26) 2,2-Dichloropropane	7.185	77	59909	19.627	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	70581	21.429	ug/l	97
28) Bromochloromethane	7.532	49	49683	21.520	ug/l	97
29) Tetrahydrofuran	7.557	42	71773	100.351	ug/l	100
30) Chloroform	7.691	83	116682	20.990	ug/l	96
31) Cyclohexane	7.971	56	97811	21.151	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	85852	20.040	ug/l	99
36) 1,1-Dichloropropene	8.099	75	82416	21.031	ug/l	99
37) Ethyl Acetate	7.276	43	49846	20.164	ug/l	98
38) Carbon Tetrachloride	8.081	117	78551	19.671	ug/l	97
39) Methylcyclohexane	9.343	83	100339	20.580	ug/l	97
40) Benzene	8.337	78	245359	21.163	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	26501	20.012	ug/l	93
42) 1,2-Dichloroethane	8.410	62	83386	21.286	ug/l	99
43) Isopropyl Acetate	8.435	43	89552	21.016	ug/l	99
44) Trichloroethene	9.105	130	56412	19.495	ug/l	91
45) 1,2-Dichloropropane	9.374	63	59237	21.140	ug/l	95
46) Dibromomethane	9.465	93	37600	20.784	ug/l	97
47) Bromodichloromethane	9.648	83	88183	20.787	ug/l	95
48) Methyl methacrylate	9.441	41	41670	19.888	ug/l	97
49) 1,4-Dioxane	9.465	88	7065	333.450	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	256230	104.592	ug/l	100
52) Toluene	10.392	92	153896	20.732	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	82051	20.615	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	95884	21.250	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	50955	21.503	ug/l	98
56) Ethyl methacrylate	10.648	69	69105	21.495	ug/l	99
57) 1,3-Dichloropropane	10.934	76	89275	21.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	188338	106.389	ug/l	97
59) 2-Hexanone	10.971	43	184311	111.025	ug/l	99
60) Dibromochloromethane	11.129	129	57910	20.436	ug/l	99
61) 1,2-Dibromoethane	11.239	107	48539	20.461	ug/l	98
64) Tetrachloroethene	10.861	164	45851	19.175	ug/l	84
65) Chlorobenzene	11.654	112	170652	21.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	53380	20.769	ug/l	96
67) Ethyl Benzene	11.727	91	297893	21.300	ug/l	95
68) m/p-Xylenes	11.837	106	224986	41.847	ug/l	99
69) o-Xylene	12.166	106	104943	21.082	ug/l	98
70) Styrene	12.178	104	184086	21.391	ug/l	99
71) Bromoform	12.349	173	29851	19.469	ug/l #	99
73) Isopropylbenzene	12.464	105	279027	21.126	ug/l	99
74) N-amyl acetate	12.269	43	79743	22.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	62348	21.263	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	46547m	20.744	ug/l	
77) Bromobenzene	12.745	156	60742	20.620	ug/l	94
78) n-propylbenzene	12.800	91	344945	21.810	ug/l	97
79) 2-Chlorotoluene	12.885	91	205314	21.558	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	235670	21.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	19026	19.749	ug/l	88
82) 4-Chlorotoluene	12.983	91	214521	21.454	ug/l	99
83) tert-Butylbenzene	13.202	119	198401	21.186	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	240630	21.723	ug/l	100
85) sec-Butylbenzene	13.379	105	301636	21.459	ug/l	100
86) p-Isopropyltoluene	13.495	119	250318	21.608	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	129646	21.946	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	124248	20.548	ug/l	95
89) n-Butylbenzene	13.818	91	238633	21.201	ug/l	99
90) Hexachloroethane	14.086	117	42207	20.195	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	112201	20.780	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11405	19.920	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	66095	19.848	ug/l	97
94) Hexachlorobutadiene	15.226	225	29695	18.467	ug/l	96
95) Naphthalene	15.360	128	167135	20.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	59518	19.452	ug/l	93

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

