

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031747.D
 Acq On : 02 Jul 2025 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/03/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 03 06:06:55 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	7.953	168	221255	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	386108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	161948	51.003	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.000%	
35) Dibromofluoromethane	7.898	113	131565	52.218	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.440%	
50) Toluene-d8	10.325	98	498098	53.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.617	95	181607	52.633	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	75645	50.201	ug/l	93
3) Chloromethane	2.253	50	90165	49.633	ug/l	99
4) Vinyl Chloride	2.405	62	127003	53.190	ug/l	96
5) Bromomethane	2.820	94	93548	50.159	ug/l	100
6) Chloroethane	2.972	64	82420	50.816	ug/l	97
7) Trichlorofluoromethane	3.302	101	109014	50.272	ug/l	98
8) Diethyl Ether	3.716	74	84527	51.298	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	121953	50.668	ug/l	99
10) Methyl Iodide	4.301	142	189425	51.050	ug/l	98
11) Tert butyl alcohol	5.210	59	46519	236.477	ug/l	98
12) 1,1-Dichloroethene	4.076	96	135097	51.243	ug/l	98
13) Acrolein	3.930	56	82783	234.138	ug/l	98
14) Allyl chloride	4.698	41	214134	52.937	ug/l	100
15) Acrylonitrile	5.399	53	210192	259.400	ug/l	100
16) Acetone	4.155	43	192495	245.271	ug/l	99
17) Carbon Disulfide	4.417	76	367755	52.128	ug/l	98
18) Methyl Acetate	4.704	43	125462	55.934	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	244529	54.646	ug/l	97
20) Methylene Chloride	4.948	84	162307	52.120	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	146764	52.391	ug/l	94
22) Diisopropyl ether	6.338	45	433770	54.984	ug/l	98
23) Vinyl Acetate	6.277	43	1461175	271.163	ug/l	99
24) 1,1-Dichloroethane	6.240	63	274214	53.613	ug/l	99
25) 2-Butanone	7.191	43	268663	263.128	ug/l	99
26) 2,2-Dichloropropane	7.185	77	157960	52.933	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	173305	53.820	ug/l	98
28) Bromochloromethane	7.526	49	112088	49.661	ug/l	99
29) Tetrahydrofuran	7.551	42	183832	262.905	ug/l	100
30) Chloroform	7.691	83	289936	53.348	ug/l	100
31) Cyclohexane	7.972	56	223325	49.396	ug/l	97
32) 1,1,1-Trichloroethane	7.880	97	222537	53.133	ug/l	100
36) 1,1-Dichloropropene	8.093	75	200543	55.006	ug/l	100
37) Ethyl Acetate	7.270	43	128596	55.914	ug/l	97
38) Carbon Tetrachloride	8.081	117	200304	53.914	ug/l	98
39) Methylcyclohexane	9.343	83	247207	54.498	ug/l	97
40) Benzene	8.337	78	598925	55.524	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	65024	52.777	ug/l	92
42) 1,2-Dichloroethane	8.410	62	200028	54.882	ug/l	99
43) Isopropyl Acetate	8.435	43	221370	55.838	ug/l	99
44) Trichloroethene	9.099	130	144028	53.497	ug/l	99
45) 1,2-Dichloropropane	9.374	63	141145	54.141	ug/l	100
46) Dibromomethane	9.465	93	94371	56.070	ug/l	100
47) Bromodichloromethane	9.648	83	219587	55.637	ug/l	97
48) Methyl methacrylate	9.441	41	107735	55.266	ug/l	100
49) 1,4-Dioxane	9.465	88	22156	1123.957	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	631318	276.986	ug/l	100
52) Toluene	10.392	92	380107	55.038	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	213398	57.627	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	234384	55.833	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	119620	54.257	ug/l	97
56) Ethyl methacrylate	10.648	69	170911	57.140	ug/l	99
57) 1,3-Dichloropropane	10.934	76	213503	55.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	462220	280.640	ug/l	97
59) 2-Hexanone	10.971	43	440396	285.137	ug/l	99
60) Dibromochloromethane	11.130	129	148697	56.401	ug/l	99
61) 1,2-Dibromoethane	11.233	107	117663	53.311	ug/l	96
64) Tetrachloroethene	10.861	164	119126	51.767	ug/l	93
65) Chlorobenzene	11.654	112	426288	54.920	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	133044	53.788	ug/l	99
67) Ethyl Benzene	11.727	91	736459	54.717	ug/l	96
68) m/p-Xylenes	11.837	106	564619	109.125	ug/l	97
69) o-Xylene	12.166	106	260593	54.397	ug/l	98
70) Styrene	12.178	104	454599	54.891	ug/l	99
71) Bromoform	12.349	173	82435	55.866	ug/l	99
73) Isopropylbenzene	12.459	105	700315	53.749	ug/l	99
74) N-amyl acetate	12.270	43	188999	53.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	152760	52.810	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	114691m	51.813	ug/l	
77) Bromobenzene	12.745	156	161663	55.631	ug/l	84
78) n-propylbenzene	12.800	91	826129	52.949	ug/l	100
79) 2-Chlorotoluene	12.891	91	505721	53.827	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	590780	54.777	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	50594	53.236	ug/l	95
82) 4-Chlorotoluene	12.983	91	517113	52.424	ug/l	100
83) tert-Butylbenzene	13.202	119	480355	51.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	577542	52.852	ug/l	99
85) sec-Butylbenzene	13.379	105	725374	52.311	ug/l	99
86) p-Isopropyltoluene	13.495	119	606534	53.074	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	301015	51.651	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	300092	50.308	ug/l	97
89) n-Butylbenzene	13.818	91	585834	52.761	ug/l	99
90) Hexachloroethane	14.086	117	108854	52.798	ug/l	99
91) 1,2-Dichlorobenzene	13.861	146	266013	49.940	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	29427	52.101	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	166845	50.790	ug/l	99
94) Hexachlorobutadiene	15.226	225	85230	53.730	ug/l	86
95) Naphthalene	15.360	128	421417	52.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	159032	52.687	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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