

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031864.D
 Acq On : 16 Jul 2025 09:22
 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

07/17/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 17 03:56:54 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	7.959	168	223578	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	416969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164563	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	157932	49.222	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.440%
35) Dibromofluoromethane	7.898	113	134811	49.546	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.100%
50) Toluene-d8	10.325	98	501832	49.561	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.617	95	193715	51.987	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.052	85	83789	55.028	ug/l	99
3) Chloromethane	2.259	50	105237	57.328	ug/l	98
4) Vinyl Chloride	2.412	62	139121	57.659	ug/l	99
5) Bromomethane	2.832	94	99221	52.648	ug/l	98
6) Chloroethane	2.972	64	87263	53.243	ug/l	95
7) Trichlorofluoromethane	3.308	101	125448	57.250	ug/l	98
8) Diethyl Ether	3.722	74	90681	54.461	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	131629	54.120	ug/l	98
10) Methyl Iodide	4.308	142	191507	51.075	ug/l	100
11) Tert butyl alcohol	5.222	59	51288	258.011	ug/l	96
12) 1,1-Dichloroethene	4.082	96	149811	56.234	ug/l	95
13) Acrolein	3.930	56	88281	247.094	ug/l	99
14) Allyl chloride	4.704	41	222643	54.469	ug/l	97
15) Acrylonitrile	5.405	53	219501	268.073	ug/l	100
16) Acetone	4.161	43	180875	228.070	ug/l	100
17) Carbon Disulfide	4.423	76	386108	54.161	ug/l	97
18) Methyl Acetate	4.710	43	118004	52.063	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	258097	57.079	ug/l	99
20) Methylene Chloride	4.954	84	169434	54.067	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	157091	55.495	ug/l	92
22) Diisopropyl ether	6.344	45	468704	58.795	ug/l	98
23) Vinyl Acetate	6.283	43	1588205	291.675	ug/l	99
24) 1,1-Dichloroethane	6.246	63	290105	56.131	ug/l	99
25) 2-Butanone	7.191	43	286251	277.440	ug/l	97
26) 2,2-Dichloropropane	7.185	77	152005	50.408	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	189732	58.309	ug/l	98
28) Bromochloromethane	7.533	49	122663	53.782	ug/l	98
29) Tetrahydrofuran	7.551	42	195430	276.587	ug/l	100
30) Chloroform	7.691	83	307242	55.945	ug/l	98
31) Cyclohexane	7.972	56	247047	54.075	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	224259	52.988	ug/l	99
36) 1,1-Dichloropropene	8.093	75	216954	55.103	ug/l	100
37) Ethyl Acetate	7.277	43	133030	53.561	ug/l	99
38) Carbon Tetrachloride	8.081	117	208179	51.887	ug/l	99
39) Methylcyclohexane	9.343	83	273751	55.883	ug/l	98
40) Benzene	8.337	78	642068	55.119	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	71864	54.012	ug/l	94
42) 1,2-Dichloroethane	8.410	62	209767	53.294	ug/l	99
43) Isopropyl Acetate	8.435	43	236620	55.267	ug/l	99
44) Trichloroethene	9.105	130	154538	53.152	ug/l	93
45) 1,2-Dichloropropane	9.374	63	151352	53.759	ug/l	100
46) Dibromomethane	9.465	93	96379	53.025	ug/l	97
47) Bromodichloromethane	9.648	83	234534	55.026	ug/l	98
48) Methyl methacrylate	9.441	41	115185	54.715	ug/l	98
49) 1,4-Dioxane	9.465	88	21519	1010.847	ug/l #	92
51) 4-Methyl-2-Pentanone	10.215	43	659201	267.814	ug/l	98
52) Toluene	10.392	92	412936	55.366	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	224154	56.051	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	256890	56.665	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	128872	54.127	ug/l	99
56) Ethyl methacrylate	10.648	69	194794	60.305	ug/l	97
57) 1,3-Dichloropropane	10.934	76	229341	54.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	467655	262.925	ug/l	99
59) 2-Hexanone	10.971	43	463410	277.831	ug/l	99
60) Dibromochloromethane	11.129	129	149884	52.643	ug/l	97
61) 1,2-Dibromoethane	11.233	107	129114	54.170	ug/l	100
64) Tetrachloroethene	10.861	164	121057	51.140	ug/l	94
65) Chlorobenzene	11.660	112	442844	55.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	141426	55.583	ug/l	97
67) Ethyl Benzene	11.733	91	781105	56.416	ug/l	97
68) m/p-Xylenes	11.837	106	595563	111.898	ug/l	96
69) o-Xylene	12.166	106	283223	57.473	ug/l	99
70) Styrene	12.178	104	478546	56.172	ug/l	97
71) Bromoform	12.349	173	82513	54.361	ug/l	99
73) Isopropylbenzene	12.459	105	735716	58.775	ug/l	98
74) N-amyl acetate	12.270	43	212097	62.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	158147	56.908	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	119677m	56.276	ug/l	
77) Bromobenzene	12.745	156	164690	58.990	ug/l	89
78) n-propylbenzene	12.800	91	894476	59.674	ug/l	98
79) 2-Chlorotoluene	12.891	91	541235	59.962	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	619871	59.825	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	53496	58.591	ug/l	98
82) 4-Chlorotoluene	12.983	91	548286	57.857	ug/l	99
83) tert-Butylbenzene	13.202	119	536152	60.408	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	613184	58.408	ug/l	99
85) sec-Butylbenzene	13.379	105	786363	59.028	ug/l	99
86) p-Isopropyltoluene	13.489	119	670953	61.112	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	320309	57.209	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	319000	55.665	ug/l	97
89) n-Butylbenzene	13.818	91	646721	60.626	ug/l	99
90) Hexachloroethane	14.092	117	111020	56.050	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	288040	56.287	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	29200	53.813	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	181198	57.414	ug/l	96
94) Hexachlorobutadiene	15.226	225	86713	56.900	ug/l	89
95) Naphthalene	15.360	128	461458	59.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152153	52.469	ug/l	89

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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

