

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080546.D
 Acq On : 19 Nov 2025 13:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 04:06:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/20/2025
 Supervised By :Mahesh Dadoda 11/20/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	277517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	439157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	362195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	162098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	102227	43.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.740%		
35) Dibromofluoromethane	7.806	113	125154	48.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.820%		
50) Toluene-d8	10.270	98	514202	49.164	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.570	95	140552	46.744	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	96435	46.627	ug/l	97
3) Chloromethane	2.147	50	148787	44.559	ug/l	98
4) Vinyl Chloride	2.288	62	189799	47.975	ug/l	97
5) Bromomethane	2.700	94	135976	46.354	ug/l	99
6) Chloroethane	2.841	64	133524	49.165	ug/l	92
7) Trichlorofluoromethane	3.182	101	221633	49.229	ug/l	99
8) Diethyl Ether	3.600	74	48835	39.358	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	141058	49.576	ug/l	99
10) Methyl Iodide	4.170	142	185489	50.702	ug/l	98
11) Tert butyl alcohol	5.035	59	20638	190.173	ug/l #	87
12) 1,1-Dichloroethene	3.941	96	138925	46.392	ug/l	95
13) Acrolein	3.794	56	29051	153.883	ug/l	98
14) Allyl chloride	4.565	41	192995	41.271	ug/l	92
15) Acrylonitrile	5.247	53	97951	195.580	ug/l	99
16) Acetone	4.018	43	64390	189.014	ug/l	95
17) Carbon Disulfide	4.276	76	431610	44.791	ug/l	100
18) Methyl Acetate	4.565	43	39553	37.754	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	219919	41.428	ug/l	98
20) Methylene Chloride	4.806	84	146947	42.729	ug/l	94
21) trans-1,2-Dichloroethene	5.312	96	154609	46.299	ug/l	95
22) Diisopropyl ether	6.217	45	342736	40.559	ug/l	99
23) Vinyl Acetate	6.153	43	876368	199.153	ug/l	98
24) 1,1-Dichloroethane	6.112	63	257085	44.496	ug/l	99
25) 2-Butanone	7.076	43	99069	185.472	ug/l	91
26) 2,2-Dichloropropane	7.076	77	232853	46.860	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	173124	44.496	ug/l	99
28) Bromochloromethane	7.423	49	87995	41.616	ug/l	96
29) Tetrahydrofuran	7.441	42	65092	182.915	ug/l	96
30) Chloroform	7.600	83	260357	45.953	ug/l	95
31) Cyclohexane	7.876	56	242231	43.767	ug/l	100
32) 1,1,1-Trichloroethane	7.794	97	240710	48.362	ug/l	99
36) 1,1-Dichloropropene	8.011	75	202401	50.643	ug/l	98
37) Ethyl Acetate	7.164	43	48311	39.962	ug/l #	78
38) Carbon Tetrachloride	7.994	117	214136	53.318	ug/l	99
39) Methylcyclohexane	9.276	83	270049	51.211	ug/l	96
40) Benzene	8.253	78	594988	48.078	ug/l	99

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41) Methacrylonitrile	7.394	41	31590	40.001	ug/l	97
42) 1,2-Dichloroethane	8.323	62	119911	46.428	ug/l	100
43) Isopropyl Acetate	8.358	43	96188	40.564	ug/l	97
44) Trichloroethene	9.029	130	157359	50.299	ug/l	99
45) 1,2-Dichloropropane	9.306	63	130182	45.947	ug/l	99
46) Dibromomethane	9.394	93	64259	45.978	ug/l	98
47) Bromodichloromethane	9.582	83	181816	48.171	ug/l	99
48) Methyl methacrylate	9.376	41	49276	41.861	ug/l	95
49) 1,4-Dioxane	9.382	88	11284	866.133	ug/l	95
51) 4-Methyl-2-Pentanone	10.158	43	223568	203.193	ug/l	99
52) Toluene	10.335	92	382191	48.834	ug/l	98
53) t-1,3-Dichloropropene	10.553	75	152991	45.743	ug/l	95
54) cis-1,3-Dichloropropene	10.017	75	200896	46.572	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	80120	44.812	ug/l	95
56) Ethyl methacrylate	10.600	69	88232	42.769	ug/l	96
57) 1,3-Dichloropropane	10.876	76	140425	45.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	267208	230.844	ug/l	97
59) 2-Hexanone	10.917	43	153954	200.157	ug/l	96
60) Dibromochloromethane	11.076	129	109013	45.885	ug/l	95
61) 1,2-Dibromoethane	11.176	107	78166	45.452	ug/l	99
64) Tetrachloroethene	10.811	164	136282	52.309	ug/l	96
65) Chlorobenzene	11.605	112	400864	49.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	127963	50.730	ug/l	99
67) Ethyl Benzene	11.682	91	743593	50.865	ug/l	99
68) m/p-Xylenes	11.794	106	579240	103.605	ug/l	97
69) o-Xylene	12.117	106	258237	49.959	ug/l	99
70) Styrene	12.135	104	425707	49.900	ug/l	99
71) Bromoform	12.299	173	56866	48.259	ug/l #	99
73) Isopropylbenzene	12.417	105	711362	51.699	ug/l	99
74) N-amyl acetate	12.229	43	84033	39.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	74176	42.983	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	67455m	53.427	ug/l	
77) Bromobenzene	12.699	156	144652	49.527	ug/l	94
78) n-propylbenzene	12.758	91	845048	51.193	ug/l	98
79) 2-Chlorotoluene	12.847	91	448954	49.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	552428	50.787	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	26516	40.107	ug/l	94
82) 4-Chlorotoluene	12.946	91	455310	49.317	ug/l	99
83) tert-Butylbenzene	13.164	119	498833	51.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	542284	50.667	ug/l	99
85) sec-Butylbenzene	13.341	105	753018	52.003	ug/l	99
86) p-Isopropyltoluene	13.458	119	633491	52.756	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	298095	51.370	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	285987	50.401	ug/l	98
89) n-Butylbenzene	13.788	91	591475	51.655	ug/l	99
90) Hexachloroethane	14.052	117	117962	50.359	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	233890	48.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	9349	39.347	ug/l	93
93) 1,2,4-Trichlorobenzene	15.099	180	142231	48.025	ug/l	100
94) Hexachlorobutadiene	15.199	225	88296	53.542	ug/l	99
95) Naphthalene	15.329	128	211701	43.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	113019	47.106	ug/l	97

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

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