

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080505.D
 Acq On : 04 Sep 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 05 03:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	436149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	770614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	658522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	307009	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.229	65	214603	43.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.220%
35) Dibromofluoromethane	7.805	113	217211	46.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.800%
50) Toluene-d8	10.270	98	885724	47.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.570	95	274907	46.964	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.920%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.935	85	165442	44.553	ug/l	99
3) Chloromethane	2.147	50	253683	43.278	ug/l	98
4) Vinyl Chloride	2.288	62	292133	48.290	ug/l	98
5) Bromomethane	2.694	94	182935	53.808	ug/l	99
6) Chloroethane	2.841	64	189636	48.025	ug/l	100
7) Trichlorofluoromethane	3.176	101	347615	49.337	ug/l	97
8) Diethyl Ether	3.594	74	122880	44.011	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	220984	48.336	ug/l	98
10) Methyl Iodide	4.165	142	277710	52.617	ug/l	99
11) Tert butyl alcohol	5.047	59	77939	218.872	ug/l	100
12) 1,1-Dichloroethene	3.941	96	230658	48.429	ug/l	96
13) Acrolein	3.800	56	52988	140.009	ug/l	99
14) Allyl chloride	4.559	41	385558	46.648	ug/l	98
15) Acrylonitrile	5.253	53	278723	224.163	ug/l	99
16) Acetone	4.017	43	323254	280.606	ug/l	97
17) Carbon Disulfide	4.270	76	746104	46.326	ug/l	100
18) Methyl Acetate	4.559	43	140423	43.315	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	587275	46.987	ug/l	98
20) Methylene Chloride	4.806	84	271746	42.942	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	258286	47.370	ug/l	96
22) Diisopropyl ether	6.217	45	792896	46.608	ug/l	99
23) Vinyl Acetate	6.153	43	2263966	233.865	ug/l	99
24) 1,1-Dichloroethane	6.111	63	465974	47.319	ug/l	98
25) 2-Butanone	7.082	43	399672	245.020	ug/l	99
26) 2,2-Dichloropropane	7.076	77	387486	49.697	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	309106	47.501	ug/l	99
28) Bromochloromethane	7.429	49	177473	44.223	ug/l	97
29) Tetrahydrofuran	7.447	42	230819	223.929	ug/l	99
30) Chloroform	7.600	83	456199	48.449	ug/l	100
31) Cyclohexane	7.876	56	422773	45.866	ug/l	97
32) 1,1,1-Trichloroethane	7.794	97	391064	49.879	ug/l	100
36) 1,1-Dichloropropene	8.005	75	333593	49.400	ug/l	100
37) Ethyl Acetate	7.164	43	156932	48.327	ug/l	98
38) Carbon Tetrachloride	7.994	117	333989	51.965	ug/l	96
39) Methylcyclohexane	9.276	83	449863	50.049	ug/l	96
40) Benzene	8.253	78	1037697	48.284	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	96893	50.257	ug/l	94
42) 1,2-Dichloroethane	8.323	62	260200	49.984	ug/l	99
43) Isopropyl Acetate	8.358	43	310834	47.046	ug/l	100
44) Trichloroethene	9.029	130	262174	50.282	ug/l	99
45) 1,2-Dichloropropane	9.305	63	258122	48.428	ug/l	100
46) Dibromomethane	9.394	93	137887	48.288	ug/l	97
47) Bromodichloromethane	9.582	83	351911	50.552	ug/l	98
48) Methyl methacrylate	9.382	41	151018	46.108	ug/l	97
49) 1,4-Dioxane	9.382	88	33140	938.748	ug/l	99
51) 4-Methyl-2-Pentanone	10.158	43	776102	235.536	ug/l	99
52) Toluene	10.329	92	662437	49.425	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	346760	48.877	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	414265	48.827	ug/l	98
55) 1,1,2-Trichloroethane	10.729	97	182624	47.700	ug/l	98
56) Ethyl methacrylate	10.594	69	256519	48.089	ug/l	99
57) 1,3-Dichloropropane	10.876	76	323142	48.092	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	492446	238.561	ug/l	100
59) 2-Hexanone	10.917	43	579109	247.355	ug/l	99
60) Dibromochloromethane	11.070	129	237404	49.203	ug/l	98
61) 1,2-Dibromoethane	11.176	107	176293	48.393	ug/l	100
64) Tetrachloroethene	10.811	164	212476	52.247	ug/l	99
65) Chlorobenzene	11.605	112	712661	50.785	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	231585	51.740	ug/l	100
67) Ethyl Benzene	11.682	91	1250539	51.487	ug/l	99
68) m/p-Xylenes	11.794	106	965878	103.279	ug/l	100
69) o-Xylene	12.117	106	455323	51.019	ug/l	99
70) Styrene	12.135	104	778402	51.270	ug/l	100
71) Bromoform	12.299	173	129810	51.029	ug/l #	98
73) Isopropylbenzene	12.417	105	1164174	51.756	ug/l	99
74) N-amyl acetate	12.229	43	293255	49.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	203216	48.593	ug/l	100
76) 1,2,3-Trichloropropane	12.717	75	124544m	49.705	ug/l	
77) Bromobenzene	12.699	156	266861	51.276	ug/l	99
78) n-propylbenzene	12.758	91	1412193	51.703	ug/l	100
79) 2-Chlorotoluene	12.846	91	790609	50.797	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	940037	51.430	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	79042	47.879	ug/l	97
82) 4-Chlorotoluene	12.946	91	819903	51.215	ug/l	99
83) tert-Butylbenzene	13.164	119	824598	51.997	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	946802	51.445	ug/l	99
85) sec-Butylbenzene	13.340	105	1227110	51.845	ug/l	99
86) p-Isopropyltoluene	13.458	119	1026038	51.823	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	521552	51.976	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	516243	51.234	ug/l	99
89) n-Butylbenzene	13.782	91	979202	51.918	ug/l	98
90) Hexachloroethane	14.052	117	197227	51.501	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	452611	50.686	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	30526	48.641	ug/l	97
93) 1,2,4-Trichlorobenzene	15.099	180	292533	52.288	ug/l	99
94) Hexachlorobutadiene	15.199	225	136473	53.669	ug/l	99
95) Naphthalene	15.329	128	588122	49.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	247378	51.652	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080425\
Data File : VD080505.D
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Sample : VSTDCCC050
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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