

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080488.D
 Acq On : 27 Jun 2025 10:33
 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: Jun 28 03:05:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	432248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	779526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	663668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	297013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	215343	50.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.640%			
35) Dibromofluoromethane	7.805	113	229148	52.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.000%			
50) Toluene-d8	10.270	98	925424	52.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.570	95	292317	50.556	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	189536	49.324	ug/l	99
3) Chloromethane	2.147	50	276480	51.518	ug/l	98
4) Vinyl Chloride	2.288	62	295558	54.290	ug/l	98
5) Bromomethane	2.694	94	186418	61.955	ug/l	98
6) Chloroethane	2.841	64	186151	54.475	ug/l	100
7) Trichlorofluoromethane	3.182	101	363302	53.047	ug/l	98
8) Diethyl Ether	3.594	74	141745	53.169	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.970	101	237492	52.420	ug/l	99
10) Methyl Iodide	4.164	142	296799	55.629	ug/l	99
11) Tert butyl alcohol	5.047	59	83781	242.822	ug/l	98
12) 1,1-Dichloroethene	3.947	96	250071	51.119	ug/l	96
13) Acrolein	3.794	56	101947	216.822	ug/l	100
14) Allyl chloride	4.564	41	434057	50.673	ug/l	99
15) Acrylonitrile	5.253	53	313156	246.889	ug/l	99
16) Acetone	4.017	43	298348	272.498	ug/l	98
17) Carbon Disulfide	4.270	76	812411	52.588	ug/l	100
18) Methyl Acetate	4.559	43	154490	46.389	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	606754	49.908	ug/l	99
20) Methylene Chloride	4.800	84	317112	52.641	ug/l	96
21) trans-1,2-Dichloroethene	5.317	96	276842	50.736	ug/l	99
22) Diisopropyl ether	6.211	45	851285	51.471	ug/l	97
23) Vinyl Acetate	6.153	43	2481709	263.336	ug/l	99
24) 1,1-Dichloroethane	6.111	63	496460	51.158	ug/l	99
25) 2-Butanone	7.076	43	419388	260.982	ug/l	97
26) 2,2-Dichloropropane	7.076	77	403738	52.572	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	328074	50.294	ug/l	98
28) Bromochloromethane	7.423	49	194961	50.958	ug/l	98
29) Tetrahydrofuran	7.441	42	252448	249.359	ug/l	97
30) Chloroform	7.594	83	471088	50.712	ug/l	100
31) Cyclohexane	7.876	56	471208	50.110	ug/l	95
32) 1,1,1-Trichloroethane	7.794	97	399993	51.500	ug/l	99
36) 1,1-Dichloropropene	8.005	75	358072	52.524	ug/l	99
37) Ethyl Acetate	7.164	43	165024	49.806	ug/l	98
38) Carbon Tetrachloride	7.994	117	341709	52.463	ug/l	100
39) Methylcyclohexane	9.276	83	495164	52.756	ug/l	99
40) Benzene	8.252	78	1122796	51.315	ug/l	98

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41) Methacrylonitrile	7.394	41	107023	50.538	ug/l	98
42) 1,2-Dichloroethane	8.329	62	261720	50.846	ug/l	99
43) Isopropyl Acetate	8.358	43	337525	51.761	ug/l	99
44) Trichloroethene	9.029	130	270309	50.975	ug/l	97
45) 1,2-Dichloropropane	9.305	63	274780	51.781	ug/l	98
46) Dibromomethane	9.394	93	142682	50.429	ug/l	99
47) Bromodichloromethane	9.582	83	359312	51.225	ug/l	98
48) Methyl methacrylate	9.376	41	164431	49.848	ug/l	99
49) 1,4-Dioxane	9.382	88	35580	969.375	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	842286	254.363	ug/l	99
52) Toluene	10.335	92	695793	50.878	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	364799	51.926	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	435466	51.596	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	191261	49.589	ug/l	96
56) Ethyl methacrylate	10.594	69	277273	50.364	ug/l	99
57) 1,3-Dichloropropane	10.876	76	337773	50.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.864	63	522831	248.660	ug/l	99
59) 2-Hexanone	10.917	43	608031	259.443	ug/l	100
60) Dibromochloromethane	11.070	129	241144	50.655	ug/l	100
61) 1,2-Dibromoethane	11.176	107	183756	49.828	ug/l	100
64) Tetrachloroethene	10.811	164	214062	51.968	ug/l	97
65) Chlorobenzene	11.605	112	739563	51.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.682	131	233196	51.838	ug/l	100
67) Ethyl Benzene	11.682	91	1317553	52.627	ug/l	98
68) m/p-Xylenes	11.794	106	999890	104.883	ug/l	99
69) o-Xylene	12.117	106	476209	51.765	ug/l	98
70) Styrene	12.135	104	808012	51.927	ug/l	99
71) Bromoform	12.299	173	125885	49.134	ug/l #	99
73) Isopropylbenzene	12.417	105	1207211	52.285	ug/l	100
74) N-amyl acetate	12.229	43	315612	52.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	217936	50.691	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	133021m	52.686	ug/l	
77) Bromobenzene	12.699	156	266714	51.654	ug/l	99
78) n-propylbenzene	12.758	91	1467847	52.812	ug/l	100
79) 2-Chlorotoluene	12.846	91	828079	51.803	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	972290	51.929	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.470	75	84826	49.925	ug/l	98
82) 4-Chlorotoluene	12.946	91	842883	51.336	ug/l	99
83) tert-Butylbenzene	13.164	119	844061	51.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	967481	51.757	ug/l	100
85) sec-Butylbenzene	13.340	105	1283945	53.081	ug/l	100
86) p-Isopropyltoluene	13.458	119	1046354	52.274	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	515477	51.619	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	511792	51.344	ug/l	100
89) n-Butylbenzene	13.782	91	1023921	53.298	ug/l	99
90) Hexachloroethane	14.052	117	202810	52.441	ug/l	98
91) 1,2-Dichlorobenzene	13.829	146	454084	51.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	32667	50.379	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	280775	50.979	ug/l	98
94) Hexachlorobutadiene	15.199	225	131060	51.548	ug/l	100
95) Naphthalene	15.329	128	612094	50.016	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	243738	51.468	ug/l	100

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

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