

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080481.D
 Acq On : 26 Jun 2025 14:40
 Operator : RP/MD
 Sample : VD0626SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0626SBS01

Quant Time: Jun 27 05:27:28 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 06/27/2025
 Supervised By :Semsettin Yesilyurt 06/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	439314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	819508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	718749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	321666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	240996	55.957	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.920%			
35) Dibromofluoromethane	7.805	113	254185	55.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.780%			
50) Toluene-d8	10.270	98	1046553	56.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.900%			
62) 4-Bromofluorobenzene	12.570	95	336977	55.437	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	81830	20.952	ug/l	99
3) Chloromethane	2.147	50	117806	21.598	ug/l	97
4) Vinyl Chloride	2.288	62	116197	21.000	ug/l	98
5) Bromomethane	2.688	94	71790	23.475	ug/l	98
6) Chloroethane	2.835	64	70537	20.310	ug/l	95
7) Trichlorofluoromethane	3.176	101	144375	20.742	ug/l	99
8) Diethyl Ether	3.588	74	55971	20.657	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	97634	21.203	ug/l	99
10) Methyl Iodide	4.164	142	102528	18.908	ug/l	99
11) Tert butyl alcohol	5.046	59	36467	103.992	ug/l #	87
12) 1,1-Dichloroethene	3.941	96	102609	20.638	ug/l	98
13) Acrolein	3.799	56	48567	101.632	ug/l	97
14) Allyl chloride	4.564	41	180231	20.702	ug/l	99
15) Acrylonitrile	5.252	53	135525	105.128	ug/l	98
16) Acetone	4.023	43	108970	97.927	ug/l	97
17) Carbon Disulfide	4.276	76	312855	19.926	ug/l	100
18) Methyl Acetate	4.558	43	65325	19.300	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	257672	20.854	ug/l	97
20) Methylene Chloride	4.799	84	145161	21.927	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	115364	20.803	ug/l	94
22) Diisopropyl ether	6.211	45	357206	21.250	ug/l	97
23) Vinyl Acetate	6.152	43	1012428	105.701	ug/l	99
24) 1,1-Dichloroethane	6.111	63	205362	20.821	ug/l	99
25) 2-Butanone	7.076	43	165070	101.069	ug/l	97
26) 2,2-Dichloropropane	7.076	77	158982	20.369	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	138620	20.909	ug/l	99
28) Bromochloromethane	7.423	49	83871	21.569	ug/l	98
29) Tetrahydrofuran	7.440	42	104343	101.408	ug/l	99
30) Chloroform	7.593	83	199494	21.130	ug/l	98
31) Cyclohexane	7.876	56	197788	20.695	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	163338	20.692	ug/l	98
36) 1,1-Dichloropropene	8.011	75	144312	20.136	ug/l	99
37) Ethyl Acetate	7.170	43	69970	20.087	ug/l	99
38) Carbon Tetrachloride	7.993	117	135846	19.839	ug/l	93
39) Methylcyclohexane	9.270	83	195205	19.783	ug/l	99
40) Benzene	8.252	78	472601	20.546	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	45011	20.218	ug/l	99
42) 1,2-Dichloroethane	8.323	62	110611	20.441	ug/l	99
43) Isopropyl Acetate	8.358	43	137705	20.087	ug/l	99
44) Trichloroethene	9.029	130	114078	20.463	ug/l	93
45) 1,2-Dichloropropane	9.305	63	115678	20.736	ug/l	96
46) Dibromomethane	9.393	93	61561	20.697	ug/l	99
47) Bromodichloromethane	9.582	83	149470	20.270	ug/l	98
48) Methyl methacrylate	9.382	41	69520	20.047	ug/l	97
49) 1,4-Dioxane	9.387	88	15839	410.479	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	349981	100.535	ug/l	100
52) Toluene	10.334	92	290578	20.211	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	150307	20.351	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	182102	20.524	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	81547	20.111	ug/l	98
56) Ethyl methacrylate	10.593	69	118343	20.447	ug/l	99
57) 1,3-Dichloropropane	10.876	76	142664	20.109	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	226886	102.643	ug/l	98
59) 2-Hexanone	10.917	43	242575	98.455	ug/l	100
60) Dibromochloromethane	11.070	129	100896	20.161	ug/l	97
61) 1,2-Dibromoethane	11.176	107	77671	20.034	ug/l	99
64) Tetrachloroethene	10.805	164	90621	20.314	ug/l	95
65) Chlorobenzene	11.605	112	316872	20.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	99050	20.331	ug/l	100
67) Ethyl Benzene	11.681	91	552838	20.390	ug/l	99
68) m/p-Xylenes	11.787	106	416272	40.318	ug/l	97
69) o-Xylene	12.117	106	202223	20.297	ug/l	100
70) Styrene	12.134	104	350567	20.803	ug/l	99
71) Bromoform	12.299	173	54548	19.659	ug/l #	99
73) Isopropylbenzene	12.417	105	508842	20.349	ug/l	100
74) N-amyl acetate	12.228	43	132728	20.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	92667	19.902	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	56489m	20.659	ug/l	
77) Bromobenzene	12.699	156	115919	20.729	ug/l	99
78) n-propylbenzene	12.758	91	622117	20.668	ug/l	100
79) 2-Chlorotoluene	12.846	91	351324	20.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	415725	20.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	36167	19.655	ug/l	99
82) 4-Chlorotoluene	12.946	91	363433	20.438	ug/l	100
83) tert-Butylbenzene	13.164	119	360169	20.307	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	414823	20.491	ug/l	100
85) sec-Butylbenzene	13.340	105	540695	20.640	ug/l	100
86) p-Isopropyltoluene	13.458	119	445889	20.568	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	222879	20.608	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	224356	20.783	ug/l	99
89) n-Butylbenzene	13.781	91	431250	20.727	ug/l	99
90) Hexachloroethane	14.052	117	82100	19.602	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	194537	20.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	13388	19.064	ug/l	99
93) 1,2,4-Trichlorobenzene	15.093	180	125674	21.069	ug/l	100
94) Hexachlorobutadiene	15.199	225	55154	20.030	ug/l	99
95) Naphthalene	15.328	128	269292	20.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	109071	21.266	ug/l	100

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

