

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080399.D
 Acq On : 30 May 2025 11:09
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: May 31 00:43:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/02/2025
 Supervised By :Semsettin Yesilyurt 06/02/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	157863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	254062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	119799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	253651	128.689	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 257.380%#			
35) Dibromofluoromethane	7.805	113	249284	150.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 301.920%#			
50) Toluene-d8	10.270	98	1001175	150.686	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 301.380%#			
62) 4-Bromofluorobenzene	12.570	95	308290	151.588	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 303.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	226394	125.248	ug/l	97
3) Chloromethane	2.152	50	404570	131.226	ug/l	95
4) Vinyl Chloride	2.288	62	467005	135.599	ug/l	99
5) Bromomethane	2.688	94	309721	126.597	ug/l	99
6) Chloroethane	2.835	64	306739	130.881	ug/l	95
7) Trichlorofluoromethane	3.176	101	429572	135.730	ug/l	97
8) Diethyl Ether	3.594	74	150098	160.881	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	257667	134.505	ug/l	98
10) Methyl Iodide	4.164	142	325544	172.402	ug/l	96
11) Tert butyl alcohol	5.052	59	89437	786.702	ug/l	99
12) 1,1-Dichloroethene	3.941	96	277550	151.851	ug/l	96
13) Acrolein	3.794	56	157912	803.310	ug/l	99
14) Allyl chloride	4.558	41	493008	163.667	ug/l	98
15) Acrylonitrile	5.258	53	362688	792.721	ug/l	98
16) Acetone	4.023	43	269811	730.886	ug/l	95
17) Carbon Disulfide	4.270	76	957939	145.747	ug/l	99
18) Methyl Acetate	4.558	43	194867	152.735	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	699494	172.444	ug/l	99
20) Methylene Chloride	4.799	84	330453	130.423	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	313419	156.820	ug/l	97
22) Diisopropyl ether	6.217	45	1028039	166.942	ug/l	98
23) Vinyl Acetate	6.152	43	3047153	866.793	ug/l	100
24) 1,1-Dichloroethane	6.111	63	565093	147.478	ug/l	99
25) 2-Butanone	7.082	43	449566	813.257	ug/l	94
26) 2,2-Dichloropropane	7.076	77	448397	146.864	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	362373	158.353	ug/l	98
28) Bromochloromethane	7.423	49	252115	140.216	ug/l	97
29) Tetrahydrofuran	7.440	42	305468	821.617	ug/l	99
30) Chloroform	7.599	83	555809	143.284	ug/l	95
31) Cyclohexane	7.876	56	490613	143.186	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	457786	140.972	ug/l	98
36) 1,1-Dichloropropene	8.011	75	390652	153.919	ug/l	99
37) Ethyl Acetate	7.170	43	204444	164.462	ug/l	97
38) Carbon Tetrachloride	7.993	117	380180	147.847	ug/l	98
39) Methylcyclohexane	9.276	83	458450	159.268	ug/l	99
40) Benzene	8.252	78	1140433	148.739	ug/l	99

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41) Methacrylonitrile	7.399	41	121148	172.805	ug/l	91
42) 1,2-Dichloroethane	8.323	62	316791	144.423	ug/l	99
43) Isopropyl Acetate	8.358	43	365898	159.146	ug/l	98
44) Trichloroethene	9.029	130	272838	151.722	ug/l	98
45) 1,2-Dichloropropane	9.305	63	292998	148.942	ug/l	99
46) Dibromomethane	9.393	93	161783	151.894	ug/l	98
47) Bromodichloromethane	9.587	83	426503	158.167	ug/l	98
48) Methyl methacrylate	9.381	41	196290	175.451	ug/l	99
49) 1,4-Dioxane	9.387	88	38178	3373.059	ug/l #	89
51) 4-Methyl-2-Pentanone	10.158	43	1002974	826.613	ug/l	99
52) Toluene	10.334	92	724006	155.653	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	411207	165.316	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	459560	161.315	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	208874	146.644	ug/l	95
56) Ethyl methacrylate	10.599	69	316366	148.319	ug/l	99
57) 1,3-Dichloropropane	10.876	76	377341	155.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.870	63	617739	850.961	ug/l	99
59) 2-Hexanone	10.917	43	678598	826.484	ug/l	97
60) Dibromochloromethane	11.076	129	270217	155.558	ug/l	97
61) 1,2-Dibromoethane	11.176	107	198014	155.010	ug/l	97
64) Tetrachloroethene	10.811	164	218076	139.781	ug/l	96
65) Chlorobenzene	11.605	112	736415	145.100	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	255066	149.078	ug/l	100
67) Ethyl Benzene	11.681	91	1394379	162.782	ug/l	100
68) m/p-Xylenes	11.793	106	1187489	353.971	ug/l	99
69) o-Xylene	12.117	106	554517	177.557	ug/l	99
70) Styrene	12.134	104	973063	176.722	ug/l	99
71) Bromoform	12.299	173	161073	170.195	ug/l #	99
73) Isopropylbenzene	12.422	105	1362727	165.516	ug/l	99
74) N-amyl acetate	12.228	43	394607	176.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	239718	137.743	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	201307m	163.387	ug/l	
77) Bromobenzene	12.699	156	299979	148.115	ug/l	97
78) n-propylbenzene	12.764	91	1649620	161.154	ug/l	100
79) 2-Chlorotoluene	12.846	91	900546	152.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	1170450	170.323	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	97911	158.777	ug/l	97
82) 4-Chlorotoluene	12.946	91	1022974	162.613	ug/l	99
83) tert-Butylbenzene	13.164	119	909663	157.495	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	1114216	162.975	ug/l	100
85) sec-Butylbenzene	13.340	105	1378922	158.277	ug/l	100
86) p-Isopropyltoluene	13.458	119	1196379	163.412	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	618729	149.068	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	650855	156.872	ug/l	98
89) n-Butylbenzene	13.787	91	1228298	165.526	ug/l	99
90) Hexachloroethane	14.052	117	224271	138.127	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	555241	154.810	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.446	75	41324	145.765	ug/l	88
93) 1,2,4-Trichlorobenzene	15.099	180	402641	153.788	ug/l	99
94) Hexachlorobutadiene	15.199	225	191363	161.536	ug/l	99
95) Naphthalene	15.328	128	804052	155.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	355864	152.986	ug/l	100

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

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