

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080294.D
 Acq On : 06 May 2025 15:19
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 07 03:19:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	131770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	210502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	202471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	111785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	159640	93.685	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.360%#			
35) Dibromofluoromethane	7.805	113	142060	100.690	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.380%#			
50) Toluene-d8	10.270	98	593271	106.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 213.440%#			
62) 4-Bromofluorobenzene	12.570	95	196997	110.409	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 220.820%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	110213	101.264	ug/l	98
3) Chloromethane	2.153	50	217332	101.079	ug/l	96
4) Vinyl Chloride	2.276	62	292662	85.433	ug/l	97
5) Bromomethane	2.676	94	220658	89.487	ug/l	98
6) Chloroethane	2.829	64	217872	89.953	ug/l	91
7) Trichlorofluoromethane	3.164	101	235017	89.472	ug/l	100
8) Diethyl Ether	3.594	74	78804	97.190	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.959	101	141408	87.376	ug/l	99
10) Methyl Iodide	4.159	142	174606	105.837	ug/l	100
11) Tert butyl alcohol	5.070	59	46635	451.011	ug/l	95
12) 1,1-Dichloroethene	3.935	96	144612	90.635	ug/l	95
13) Acrolein	3.800	56	87588	481.431	ug/l	100
14) Allyl chloride	4.559	41	249545	99.447	ug/l	98
15) Acrylonitrile	5.258	53	191338	490.847	ug/l	98
16) Acetone	4.023	43	131754	503.175	ug/l	97
17) Carbon Disulfide	4.264	76	487479	87.984	ug/l	98
18) Methyl Acetate	4.564	43	103309	93.551	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	370328	105.651	ug/l	96
20) Methylene Chloride	4.800	84	175604	100.348	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	165671	95.579	ug/l	98
22) Diisopropyl ether	6.217	45	536894	103.866	ug/l	99
23) Vinyl Acetate	6.153	43	1609020	534.453	ug/l	99
24) 1,1-Dichloroethane	6.111	63	305739	93.995	ug/l	99
25) 2-Butanone	7.082	43	231714	494.218	ug/l	94
26) 2,2-Dichloropropane	7.070	77	244780	94.573	ug/l	100
27) cis-1,2-Dichloroethene	7.076	96	194602	101.334	ug/l	99
28) Bromochloromethane	7.423	49	138026	91.137	ug/l	99
29) Tetrahydrofuran	7.447	42	158696	519.128	ug/l	97
30) Chloroform	7.594	83	306617	94.527	ug/l	97
31) Cyclohexane	7.876	56	261031	94.290	ug/l	99
32) 1,1,1-Trichloroethane	7.794	97	252641	95.466	ug/l	98
36) 1,1-Dichloropropene	8.005	75	217097	102.959	ug/l	100
37) Ethyl Acetate	7.170	43	110302	100.301	ug/l	98
38) Carbon Tetrachloride	7.988	117	215775	98.123	ug/l	95
39) Methylcyclohexane	9.270	83	267910	109.496	ug/l	93
40) Benzene	8.252	78	678390	102.680	ug/l	100

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41) Methacrylonitrile	7.400	41	59471	97.466	ug/l	97
42) 1,2-Dichloroethane	8.323	62	189251	98.854	ug/l	99
43) Isopropyl Acetate	8.358	43	210438	105.251	ug/l #	88
44) Trichloroethene	9.029	130	154966	101.044	ug/l	95
45) 1,2-Dichloropropane	9.305	63	173568	102.434	ug/l	95
46) Dibromomethane	9.394	93	93085	100.900	ug/l	98
47) Bromodichloromethane	9.582	83	239004	102.070	ug/l	98
48) Methyl methacrylate	9.382	41	105026	110.554	ug/l	97
49) 1,4-Dioxane	9.382	88	23781	2168.170	ug/l	92
51) 4-Methyl-2-Pentanone	10.158	43	573658	556.850	ug/l	100
52) Toluene	10.329	92	434203	109.088	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	227709	106.672	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	265293	107.247	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	123593	101.280	ug/l	97
56) Ethyl methacrylate	10.594	69	172432	116.611	ug/l	99
57) 1,3-Dichloropropane	10.876	76	215680	106.345	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	349715	577.899	ug/l	100
59) 2-Hexanone	10.917	43	398292	562.031	ug/l	98
60) Dibromochloromethane	11.070	129	160066	104.667	ug/l	98
61) 1,2-Dibromoethane	11.176	107	117643	103.965	ug/l	100
64) Tetrachloroethene	10.811	164	134017	97.745	ug/l	97
65) Chlorobenzene	11.605	112	454800	99.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	159760	101.714	ug/l	97
67) Ethyl Benzene	11.682	91	844578	110.548	ug/l	99
68) m/p-Xylenes	11.793	106	655051	220.820	ug/l	99
69) o-Xylene	12.117	106	300980	111.034	ug/l	100
70) Styrene	12.135	104	541974	111.347	ug/l	99
71) Bromoform	12.293	173	94432	101.194	ug/l #	99
73) Isopropylbenzene	12.417	105	777958	107.285	ug/l	99
74) N-amyl acetate	12.229	43	219574	105.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	155040	97.228	ug/l	96
76) 1,2,3-Trichloropropane	12.723	75	93321m	78.684	ug/l	
77) Bromobenzene	12.699	156	189291	100.638	ug/l	96
78) n-propylbenzene	12.758	91	983336	108.061	ug/l	100
79) 2-Chlorotoluene	12.846	91	554020	104.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	668411	108.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.470	75	57386	100.965	ug/l	99
82) 4-Chlorotoluene	12.946	91	585946	102.552	ug/l	99
83) tert-Butylbenzene	13.164	119	561847	108.863	ug/l	100
84) 1,2,4-Trimethylbenzene	13.211	105	693835	109.645	ug/l	100
85) sec-Butylbenzene	13.340	105	861805	108.283	ug/l	100
86) p-Isopropyltoluene	13.458	119	740180	110.657	ug/l	99
87) 1,3-Dichlorobenzene	13.452	146	392135	99.968	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	379949	96.081	ug/l	99
89) n-Butylbenzene	13.782	91	698284	107.540	ug/l	99
90) Hexachloroethane	14.052	117	143439	96.918	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	339544	99.646	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	23550	92.665	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	217334	101.419	ug/l	99
94) Hexachlorobutadiene	15.199	225	108573	97.387	ug/l	98
95) Naphthalene	15.329	128	433416	107.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	197633	103.117	ug/l	97

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

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