

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080401.D
 Acq On : 30 May 2025 14:38
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD053025

Quant Time: May 31 00:45:58 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	7.870	168	158059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	237315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	183749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	111272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	91097	46.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.320%		
35) Dibromofluoromethane	7.805	113	84872	55.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.040%		
50) Toluene-d8	10.264	98	265981	42.858	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.720%		
62) 4-Bromofluorobenzene	12.570	95	82409	43.380	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	79526	43.942	ug/l	100
3) Chloromethane	2.147	50	143086	46.354	ug/l	95
4) Vinyl Chloride	2.288	62	164903	47.822	ug/l	99
5) Bromomethane	2.694	94	104032	42.470	ug/l	97
6) Chloroethane	2.841	64	104485	44.527	ug/l	99
7) Trichlorofluoromethane	3.176	101	150900	47.620	ug/l	100
8) Diethyl Ether	3.594	74	49857	53.372	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	90666	47.270	ug/l	100
10) Methyl Iodide	4.164	142	104737	55.398	ug/l	97
11) Tert butyl alcohol	5.047	59	28949	254.324	ug/l #	86
12) 1,1-Dichloroethene	3.941	96	91734	50.127	ug/l	98
13) Acrolein	3.794	56	49123	249.582	ug/l	96
14) Allyl chloride	4.558	41	159591	52.915	ug/l	97
15) Acrylonitrile	5.247	53	115901	253.009	ug/l	99
16) Acetone	4.023	43	135591	366.844	ug/l	94
17) Carbon Disulfide	4.270	76	322944	49.074	ug/l	98
18) Methyl Acetate	4.558	43	60244	47.160	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	214100	52.716	ug/l	98
20) Methylene Chloride	4.800	84	128903	50.812	ug/l	96
21) trans-1,2-Dichloroethene	5.306	96	100572	50.259	ug/l	94
22) Diisopropyl ether	6.217	45	312995	50.764	ug/l	97
23) Vinyl Acetate	6.153	43	917724	260.732	ug/l	99
24) 1,1-Dichloroethane	6.117	63	175038	45.625	ug/l	98
25) 2-Butanone	7.082	43	159137	287.519	ug/l	100
26) 2,2-Dichloropropane	7.070	77	148100	48.447	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	110499	48.227	ug/l	99
28) Bromochloromethane	7.423	49	80176	44.535	ug/l	98
29) Tetrahydrofuran	7.447	42	92242	247.795	ug/l	99
30) Chloroform	7.594	83	184351	47.466	ug/l	95
31) Cyclohexane	7.876	56	169488	49.404	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	153659	47.260	ug/l	99
36) 1,1-Dichloropropene	8.005	75	135272	57.059	ug/l	99
37) Ethyl Acetate	7.164	43	62728	54.022	ug/l	99
38) Carbon Tetrachloride	7.994	117	132722	55.256	ug/l	94
39) Methylcyclohexane	9.276	83	151767	56.445	ug/l	99
40) Benzene	8.247	78	407446	56.890	ug/l	100

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41) Methacrylonitrile	7.394	41	34021	51.952	ug/l	95
42) 1,2-Dichloroethane	8.323	62	107027	52.236	ug/l	100
43) Isopropyl Acetate	8.358	43	119399	55.597	ug/l	98
44) Trichloroethene	9.023	130	85857	51.113	ug/l	97
45) 1,2-Dichloropropane	9.305	63	96852	52.708	ug/l	97
46) Dibromomethane	9.394	93	48881	49.132	ug/l	98
47) Bromodichloromethane	9.582	83	133657	53.064	ug/l	99
48) Methyl methacrylate	9.382	41	60544	57.935	ug/l	100
49) 1,4-Dioxane	9.382	88	12231	1156.877	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	275673	243.232	ug/l	99
52) Toluene	10.329	92	199255	45.861	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	101689	43.767	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	123301	46.336	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	54465	40.937	ug/l	91
56) Ethyl methacrylate	10.593	69	76228	41.215	ug/l	98
57) 1,3-Dichloropropane	10.876	76	96581	42.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.864	63	169107	249.391	ug/l	98
59) 2-Hexanone	10.917	43	201544	262.788	ug/l	99
60) Dibromochloromethane	11.070	129	69205	42.651	ug/l	99
61) 1,2-Dibromoethane	11.182	107	50615	42.419	ug/l	95
64) Tetrachloroethene	10.805	164	60221	48.640	ug/l	97
65) Chlorobenzene	11.605	112	208729	51.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.676	131	68624	50.541	ug/l	100
67) Ethyl Benzene	11.682	91	372633	54.817	ug/l	100
68) m/p-Xylenes	11.788	106	288252	108.273	ug/l	98
69) o-Xylene	12.117	106	130641	52.712	ug/l	99
70) Styrene	12.135	104	232234	53.148	ug/l	99
71) Bromoform	12.299	173	38337	51.045	ug/l #	99
73) Isopropylbenzene	12.417	105	340463	44.521	ug/l	100
74) N-amyl acetate	12.229	43	99494	47.972	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	65322	40.411	ug/l	95
76) 1,2,3-Trichloropropane	12.717	75	60665m	53.011	ug/l	
77) Bromobenzene	12.699	156	81195	43.162	ug/l	95
78) n-propylbenzene	12.764	91	440246	46.304	ug/l	100
79) 2-Chlorotoluene	12.846	91	241654	44.129	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	289870	45.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.464	75	26013	45.417	ug/l	95
82) 4-Chlorotoluene	12.946	91	259576	44.424	ug/l	99
83) tert-Butylbenzene	13.164	119	241407	44.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	295556	46.543	ug/l	100
85) sec-Butylbenzene	13.346	105	376171	46.487	ug/l	100
86) p-Isopropyltoluene	13.458	119	369166	54.288	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	190874	49.510	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	201754	52.354	ug/l	98
89) n-Butylbenzene	13.787	91	365151	52.979	ug/l	98
90) Hexachloroethane	14.052	117	72454	48.044	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	171769	51.562	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.440	75	13178	50.046	ug/l	93
93) 1,2,4-Trichlorobenzene	15.093	180	105036	45.177	ug/l	98
94) Hexachlorobutadiene	15.199	225	54343	49.388	ug/l	97
95) Naphthalene	15.329	128	218074	48.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.517	180	99093	47.521	ug/l	97

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

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