

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038848.D
 Acq On : 02 Jul 2025 18:05
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 03 04:19:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 04:16:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	517303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	856237	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	799560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	408556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	261349	45.079	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	90.160%		
35) Dibromofluoromethane	4.503	113	236542	43.614	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	87.220%		
50) Toluene-d8	7.236	98	700554	39.923	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	79.840%#		
62) 4-Bromofluorobenzene	10.002	95	264841	37.357	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	74.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	8382	1.707	ug/l	93
3) Chloromethane	1.230	50	11475	1.905	ug/l	99
4) Vinyl Chloride	1.298	62	9757	1.741	ug/l	95
5) Bromomethane	1.497	94	7964	2.329	ug/l	89
6) Chloroethane	1.561	64	7094	1.889	ug/l	95
7) Trichlorofluoromethane	1.729	101	18119	1.828	ug/l	88
8) Diethyl Ether	1.921	74	5515	1.599	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.085	101	9715	1.733	ug/l	98
10) Methyl Iodide	2.198	142	9084	1.277	ug/l	96
11) Tert butyl alcohol	2.571	59	7128	9.419	ug/l #	82
12) 1,1-Dichloroethene	2.085	96	8996	1.689	ug/l	96
13) Acrolein	2.015	56	2417	12.791	ug/l	86
14) Allyl chloride	2.365	41	12445	1.737	ug/l	90
15) Acrylonitrile	2.696	53	23248	8.782	ug/l	94
16) Acetone	2.124	43	24251	12.552	ug/l	98
17) Carbon Disulfide	2.256	76	24482	1.984	ug/l #	95
18) Methyl Acetate	2.397	43	10701	1.624	ug/l	91
19) Methyl tert-butyl Ether	2.716	73	27195	1.651	ug/l #	91
20) Methylene Chloride	2.462	84	13092	2.050	ug/l	97
21) trans-1,2-Dichloroethene	2.709	96	10427	1.957	ug/l	93
22) Diisopropyl ether	3.220	45	24156	1.645	ug/l #	52
23) Vinyl Acetate	3.217	43	80664m	7.616	ug/l	
24) 1,1-Dichloroethane	3.130	63	18352	1.853	ug/l	98
25) 2-Butanone	3.954	43	21427m	7.500	ug/l	
26) 2,2-Dichloropropane	3.812	77	15544	1.694	ug/l	96
27) cis-1,2-Dichloroethene	3.844	96	11404m	1.837	ug/l	
28) Bromochloromethane	4.169	49	7612	1.799	ug/l	93
29) Tetrahydrofuran	4.269	42	18114m	9.361	ug/l	
30) Chloroform	4.291	83	20193	1.872	ug/l	90
31) Cyclohexane	4.597	56	23032	2.937	ug/l #	51
32) 1,1,1-Trichloroethane	4.516	97	18438	1.841	ug/l	95
36) 1,1-Dichloropropene	4.764	75	10662	1.620	ug/l	96
37) Ethyl Acetate	3.931	43	9384m	1.397	ug/l	
38) Carbon Tetrachloride	4.738	117	13945	1.610	ug/l	92
39) Methylcyclohexane	6.053	83	14216	1.652	ug/l	95
40) Benzene	5.031	78	38892	1.790	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.233	41	1718m	0.596	ug/l	
42) 1,2-Dichloroethane	5.066	62	14693	1.910	ug/l	83
43) Isopropyl Acetate	5.230	43	17549m	1.638	ug/l	
44) Trichloroethene	5.851	130	9929	1.751	ug/l	85
45) 1,2-Dichloropropane	6.108	63	9659	1.770	ug/l	92
46) Dibromomethane	6.249	93	7836m	1.821	ug/l	
47) Bromodichloromethane	6.442	83	15725	1.725	ug/l	94
48) Methyl methacrylate	6.352	41	8946m	1.756	ug/l	
49) 1,4-Dioxane	6.320	88	2818m	39.909	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	55105m	8.151	ug/l	
52) Toluene	7.323	92	22194	1.635	ug/l	84
53) t-1,3-Dichloropropene	7.600	75	13874	1.590	ug/l	92
54) cis-1,3-Dichloropropene	6.973	75	14638	1.641	ug/l #	91
55) 1,1,2-Trichloroethane	7.777	97	9703	1.634	ug/l	92
56) Ethyl methacrylate	7.741	69	11834m	1.515	ug/l	
57) 1,3-Dichloropropane	7.950	76	15665	1.675	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.838	63	19852m	5.597	ug/l	
59) 2-Hexanone	8.085	43	35021m	7.344	ug/l	
60) Dibromochloromethane	8.175	129	12665	1.694	ug/l	98
61) 1,2-Dibromoethane	8.291	107	10390	1.691	ug/l	99
64) Tetrachloroethene	7.902	164	9815	1.909	ug/l #	83
65) Chlorobenzene	8.809	112	30321	1.799	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.902	131	10746	1.708	ug/l	90
67) Ethyl Benzene	8.947	91	41548	1.574	ug/l	98
68) m/p-Xylenes	9.072	106	30729	3.039	ug/l	98
69) o-Xylene	9.474	106	15752	1.630	ug/l	88
70) Styrene	9.506	104	22973	1.362	ug/l	99
71) Bromoform	9.661	173	9354	1.829	ug/l #	97
73) Isopropylbenzene	9.860	105	38879	1.621	ug/l	99
74) N-amyl acetate	9.741	43	10751	1.281	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.172	83	17488	2.012	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	11995	1.898	ug/l	85
77) Bromobenzene	10.153	156	10794	1.745	ug/l	93
78) n-propylbenzene	10.284	91	48002	1.682	ug/l	100
79) 2-Chlorotoluene	10.355	91	27815	1.605	ug/l	98
80) 1,3,5-Trimethylbenzene	10.471	105	31710	1.547	ug/l	94
81) trans-1,4-Dichloro-2-b...	9.940	75	3969	1.337	ug/l	91
82) 4-Chlorotoluene	10.474	91	31424	1.573	ug/l	92
83) tert-Butylbenzene	10.792	119	34742	1.634	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	29966	1.491	ug/l	99
85) sec-Butylbenzene	11.014	105	42048	1.553	ug/l	98
86) p-Isopropyltoluene	11.172	119	35846	1.544	ug/l	97
87) 1,3-Dichlorobenzene	11.114	146	22901	1.821	ug/l	96
88) 1,4-Dichlorobenzene	11.198	146	25442m	1.920	ug/l	
89) n-Butylbenzene	11.583	91	32969	1.533	ug/l	98
90) Hexachloroethane	11.821	117	8726	1.732	ug/l	95
91) 1,2-Dichlorobenzene	11.577	146	21141	1.784	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.358	75	3528	1.917	ug/l	85
93) 1,2,4-Trichlorobenzene	13.194	180	11648	1.516	ug/l	98
94) Hexachlorobutadiene	13.368	225	6639	1.791	ug/l	95
95) Naphthalene	13.435	128	33457	1.369	ug/l	98
96) 1,2,3-Trichlorobenzene	13.677	180	11302	1.425	ug/l	98

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

