

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038920.D
 Acq On : 18 Jul 2025 14:39
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 19 01:02:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	595987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1049673	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	938373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	437087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	390933	53.685	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 107.380%			
35) Dibromofluoromethane	4.500	113	328252	45.867	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 91.740%			
50) Toluene-d8	7.233	98	1158450	53.551	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 107.100%			
62) 4-Bromofluorobenzene	10.001	95	446278	51.212	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 102.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	11720	2.238	ug/l	100
3) Chloromethane	1.230	50	14282	2.526	ug/l	99
4) Vinyl Chloride	1.294	62	17272	2.669	ug/l	98
5) Bromomethane	1.490	94	14808	3.051	ug/l #	80
6) Chloroethane	1.558	64	11505	2.659	ug/l	100
7) Trichlorofluoromethane	1.722	101	25931	2.264	ug/l	92
8) Diethyl Ether	1.918	74	10546	2.561	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.076	101	16437	2.400	ug/l	99
10) Methyl Iodide	2.195	142	15607	1.985	ug/l	100
11) Tert butyl alcohol	2.571	59	21096	12.583	ug/l #	94
12) 1,1-Dichloroethene	2.082	96	15346	2.460	ug/l	95
13) Acrolein	2.014	56	2403	9.912	ug/l #	82
14) Allyl chloride	2.358	41	25495	2.565	ug/l	94
15) Acrylonitrile	2.680	53	51291	11.956	ug/l	97
16) Acetone	2.121	43	39166	12.430	ug/l	97
17) Carbon Disulfide	2.252	76	38627	2.967	ug/l	98
18) Methyl Acetate	2.384	43	21917	2.056	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	55470	2.371	ug/l	96
20) Methylene Chloride	2.455	84	20227	2.530	ug/l	95
21) trans-1,2-Dichloroethene	2.699	96	16587	2.499	ug/l	87
22) Diisopropyl ether	3.217	45	47170	2.375	ug/l #	55
23) Vinyl Acetate	3.194	43	194512	12.490	ug/l	98
24) 1,1-Dichloroethane	3.114	63	32215	2.477	ug/l	98
25) 2-Butanone	3.889	43	49881	11.044	ug/l	100
26) 2,2-Dichloropropane	3.812	77	26620	2.338	ug/l	92
27) cis-1,2-Dichloroethene	3.825	96	18955	2.487	ug/l	97
28) Bromochloromethane	4.153	49	14166	2.814	ug/l	92
29) Tetrahydrofuran	4.252	42	32703	10.986	ug/l #	70
30) Chloroform	4.284	83	33487	2.335	ug/l	96
31) Cyclohexane	4.590	56	31888	3.735	ug/l #	51
32) 1,1,1-Trichloroethane	4.510	97	28798	2.302	ug/l	98
36) 1,1-Dichloropropene	4.754	75	19057	2.317	ug/l	97
37) Ethyl Acetate	4.024	43	24668m	2.547	ug/l	
38) Carbon Tetrachloride	4.738	117	20675	1.892	ug/l	93
39) Methylcyclohexane	6.046	83	23077	2.378	ug/l	93
40) Benzene	5.018	78	64781	2.323	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.188	41	7278m	1.638	ug/l	
42) 1,2-Dichloroethane	5.046	62	23827	2.242	ug/l	83
43) Isopropyl Acetate	5.210	43	35672m	2.329	ug/l	
44) Trichloroethene	5.847	130	16556	2.272	ug/l	93
45) 1,2-Dichloropropane	6.098	63	16252	2.207	ug/l	98
46) Dibromomethane	6.243	93	12356	2.168	ug/l	95
47) Bromodichloromethane	6.436	83	25056	2.072	ug/l #	96
48) Methyl methacrylate	6.333	41	15543m	2.338	ug/l	
49) 1,4-Dioxane	6.317	88	5329	37.212	ug/l #	79
51) 4-Methyl-2-Pentanone	7.156	43	108245m	10.380	ug/l	
52) Toluene	7.313	92	39454	2.246	ug/l	96
53) t-1,3-Dichloropropene	7.590	75	22421	2.049	ug/l	99
54) cis-1,3-Dichloropropene	6.963	75	23213	1.962	ug/l	94
55) 1,1,2-Trichloroethane	7.770	97	18094	2.155	ug/l	95
56) Ethyl methacrylate	7.731	69	19681m	1.973	ug/l	
57) 1,3-Dichloropropane	7.943	76	26103	2.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.825	63	47522	7.893	ug/l	98
59) 2-Hexanone	8.079	43	68714m	8.851	ug/l	
60) Dibromochloromethane	8.175	129	20264	2.050	ug/l	94
61) 1,2-Dibromoethane	8.281	107	17566	2.077	ug/l	96
64) Tetrachloroethene	7.898	164	14882	2.418	ug/l	93
65) Chlorobenzene	8.812	112	47556	2.319	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.898	131	17453	2.134	ug/l	97
67) Ethyl Benzene	8.943	91	64804	2.129	ug/l	99
68) m/p-Xylenes	9.069	106	47418	4.000	ug/l	96
69) o-Xylene	9.474	106	23391	2.091	ug/l	93
70) Styrene	9.496	104	38160	1.930	ug/l	95
71) Bromoform	9.664	173	13162	1.980	ug/l #	95
73) Isopropylbenzene	9.860	105	59975	2.296	ug/l	95
74) N-amyl acetate	9.734	43	20663	2.160	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.172	83	27713	2.533	ug/l	99
76) 1,2,3-Trichloropropane	10.204	75	19530	2.403	ug/l	91
77) Bromobenzene	10.149	156	18083	2.640	ug/l	98
78) n-propylbenzene	10.281	91	78658	2.577	ug/l	98
79) 2-Chlorotoluene	10.352	91	49054	2.527	ug/l	98
80) 1,3,5-Trimethylbenzene	10.471	105	49392	2.243	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	6311m	1.895	ug/l	
82) 4-Chlorotoluene	10.471	91	53125	2.448	ug/l	100
83) tert-Butylbenzene	10.789	119	53206	2.304	ug/l	99
84) 1,2,4-Trimethylbenzene	10.844	105	46353	2.139	ug/l	95
85) sec-Butylbenzene	11.014	105	67357	2.286	ug/l	99
86) p-Isopropyltoluene	11.172	119	56831	2.271	ug/l	96
87) 1,3-Dichlorobenzene	11.114	146	35789	2.559	ug/l	94
88) 1,4-Dichlorobenzene	11.197	146	38961	2.561	ug/l	86
89) n-Butylbenzene	11.586	91	54318	2.378	ug/l	97
90) Hexachloroethane	11.821	117	14108	2.371	ug/l	92
91) 1,2-Dichlorobenzene	11.577	146	32284	2.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	5313	2.148	ug/l	97
93) 1,2,4-Trichlorobenzene	13.194	180	19842	2.476	ug/l	98
94) Hexachlorobutadiene	13.371	225	9580	2.322	ug/l	94
95) Naphthalene	13.432	128	53964	2.050	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	19832	2.388	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

