

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038912.D
 Acq On : 16 Jul 2025 16:47
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 06:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	519885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	939469	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	863507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	373937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	367135	57.797	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 115.600%			
35) Dibromofluoromethane	4.503	113	307291	47.974	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.940%			
50) Toluene-d8	7.239	98	1014520	52.399	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 104.800%			
62) 4-Bromofluorobenzene	10.001	95	309703	39.708	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 79.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	1975	0.432	ug/l	81
3) Chloromethane	1.227	50	3054	0.619	ug/l	97
4) Vinyl Chloride	1.294	62	3246	0.575	ug/l	96
5) Bromomethane	1.500	94	3559	0.841	ug/l	95
6) Chloroethane	1.561	64	2768	0.734	ug/l	95
7) Trichlorofluoromethane	1.725	101	5662	0.567	ug/l	92
8) Diethyl Ether	1.918	74	2021	0.563	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.079	101	2902	0.486	ug/l	96
10) Methyl Iodide	2.195	142	3003	0.438	ug/l #	87
11) Tert butyl alcohol	2.568	59	4613	3.154	ug/l #	93
12) 1,1-Dichloroethene	2.082	96	2767	0.508	ug/l	92
13) Acrolein	2.021	56	455	2.151	ug/l	100
14) Allyl chloride	2.359	41	4173	0.481	ug/l #	70
15) Acrylonitrile	2.680	53	10437	2.789	ug/l	95
16) Acetone	2.124	43	8417	3.062	ug/l	93
17) Carbon Disulfide	2.256	76	7268	0.640	ug/l	98
18) Methyl Acetate	2.384	43	5534	0.595	ug/l	96
19) Methyl tert-butyl Ether	2.722	73	10762	0.527	ug/l	97
20) Methylene Chloride	2.455	84	4973	0.713	ug/l #	94
21) trans-1,2-Dichloroethene	2.703	96	3813	0.658	ug/l #	75
22) Diisopropyl ether	3.224	45	7826	0.452	ug/l #	60
23) Vinyl Acetate	3.204	43	25115	1.849	ug/l	100
24) 1,1-Dichloroethane	3.117	63	6012	0.530	ug/l #	84
25) 2-Butanone	3.921	43	14688m	3.728	ug/l	
26) 2,2-Dichloropropane	3.809	77	4451	0.448	ug/l	97
27) cis-1,2-Dichloroethene	3.844	96	2881	0.433	ug/l	63
28) Bromochloromethane	4.159	49	2662	0.606	ug/l #	43
29) Tetrahydrofuran	4.262	42	7634m	2.940	ug/l	
30) Chloroform	4.291	83	6483	0.518	ug/l	92
31) Cyclohexane	4.597	56	14560	1.955	ug/l #	17
32) 1,1,1-Trichloroethane	4.513	97	5218	0.478	ug/l #	50
36) 1,1-Dichloropropene	4.757	75	4984m	0.677	ug/l	
37) Ethyl Acetate	4.043	43	5006m	0.578	ug/l	
38) Carbon Tetrachloride	4.744	117	4060m	0.415	ug/l	
39) Methylcyclohexane	6.053	83	3706	0.427	ug/l	94
40) Benzene	5.027	78	10757	0.431	ug/l	91

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
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Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.252	41	1544m	0.388	ug/l	
42) 1,2-Dichloroethane	5.060	62	5007m	0.526	ug/l	
43) Isopropyl Acetate	5.236	43	7196m	0.525	ug/l	
44) Trichloroethene	5.850	130	3043m	0.467	ug/l	
45) 1,2-Dichloropropane	6.114	63	2926	0.444	ug/l #	85
46) Dibromomethane	6.243	93	2391m	0.469	ug/l	
47) Bromodichloromethane	6.445	83	4484	0.414	ug/l #	96
48) Methyl methacrylate	6.404	41	2473m	0.416	ug/l	
49) 1,4-Dioxane	6.355	88	1238m	9.659	ug/l	
51) 4-Methyl-2-Pentanone	7.166	43	14368	1.539	ug/l	96
52) Toluene	7.333	92	6921	0.440	ug/l	98
53) t-1,3-Dichloropropene	7.622	75	4194m	0.428	ug/l	
54) cis-1,3-Dichloropropene	6.982	75	3737	0.353	ug/l #	83
55) 1,1,2-Trichloroethane	7.783	97	3489	0.464	ug/l #	83
56) Ethyl methacrylate	7.760	69	3086m	0.346	ug/l	
57) 1,3-Dichloropropane	7.957	76	4810	0.427	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.863	63	6917m	1.284	ug/l	
59) 2-Hexanone	8.108	43	11159m	1.606	ug/l	
60) Dibromochloromethane	8.178	129	3492	0.395	ug/l	89
61) 1,2-Dibromoethane	8.297	107	3533	0.467	ug/l #	77
64) Tetrachloroethene	7.912	164	3065	0.541	ug/l #	80
65) Chlorobenzene	8.805	112	8929	0.473	ug/l	94
66) 1,1,1,2-Tetrachloroethane	8.902	131	3824	0.508	ug/l #	63
67) Ethyl Benzene	8.950	91	10622	0.379	ug/l #	76
68) m/p-Xylenes	9.079	106	7979	0.731	ug/l	93
69) o-Xylene	9.481	106	3690	0.358	ug/l	92
70) Styrene	9.513	104	5879m	0.323	ug/l	
71) Bromoform	9.664	173	2813	0.460	ug/l #	98
73) Isopropylbenzene	9.863	105	9133	0.409	ug/l	100
74) N-amyl acetate	9.754	43	4490m	0.549	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.178	83	5481	0.586	ug/l	94
76) 1,2,3-Trichloropropane	10.214	75	3443m	0.495	ug/l	
77) Bromobenzene	10.159	156	3346	0.571	ug/l	97
78) n-propylbenzene	10.291	91	12100	0.463	ug/l	100
79) 2-Chlorotoluene	10.362	91	8290	0.499	ug/l	97
80) 1,3,5-Trimethylbenzene	10.471	105	7621	0.404	ug/l	89
81) trans-1,4-Dichloro-2-b...	9.937	75	1064m	0.373	ug/l	
82) 4-Chlorotoluene	10.484	91	7847	0.423	ug/l	96
83) tert-Butylbenzene	10.792	119	8361	0.423	ug/l	96
84) 1,2,4-Trimethylbenzene	10.854	105	7501	0.405	ug/l	94
85) sec-Butylbenzene	11.017	105	10659	0.423	ug/l	94
86) p-Isopropyltoluene	11.175	119	8522	0.398	ug/l	84
87) 1,3-Dichlorobenzene	11.120	146	5706	0.477	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	7790m	0.599	ug/l	
89) n-Butylbenzene	11.593	91	7709	0.394	ug/l	93
90) Hexachloroethane	11.821	117	2507	0.492	ug/l	92
91) 1,2-Dichlorobenzene	11.580	146	5288	0.455	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.371	75	1057	0.500	ug/l	79
93) 1,2,4-Trichlorobenzene	13.204	180	3004	0.438	ug/l	83
94) Hexachlorobutadiene	13.371	225	1842	0.522	ug/l	91
95) Naphthalene	13.445	128	7652	0.340	ug/l	98
96) 1,2,3-Trichlorobenzene	13.680	180	3448	0.485	ug/l	89

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
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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

