

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071525\
 Data File : VW038895.D
 Acq On : 15 Jul 2025 11:34
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2025
 Supervised By :Semsettin Yesilyurt 07/16/2025

Quant Time: Jul 16 02:47:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	565361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	952624	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	834992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	377963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	348362	50.431	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 100.860%			
35) Dibromofluoromethane	4.497	113	298549	45.966	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 91.940%			
50) Toluene-d8	7.233	98	1034540	52.695	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 105.400%			
62) 4-Bromofluorobenzene	10.001	95	371342	46.954	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 93.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	11847	2.385	ug/l	96
3) Chloromethane	1.230	50	13324	2.484	ug/l	96
4) Vinyl Chloride	1.294	62	14792	2.409	ug/l	95
5) Bromomethane	1.490	94	13803	2.998	ug/l	93
6) Chloroethane	1.555	64	9636	2.348	ug/l	89
7) Trichlorofluoromethane	1.722	101	25106	2.311	ug/l	95
8) Diethyl Ether	1.918	74	9263	2.371	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.079	101	14268	2.197	ug/l	95
10) Methyl Iodide	2.195	142	14841	1.990	ug/l	99
11) Tert butyl alcohol	2.571	59	17930	11.274	ug/l	99
12) 1,1-Dichloroethene	2.079	96	14424	2.437	ug/l #	88
13) Acrolein	2.018	56	2595m	11.283	ug/l	
14) Allyl chloride	2.359	41	22743	2.412	ug/l	96
15) Acrylonitrile	2.677	53	45067	11.074	ug/l	99
16) Acetone	2.124	43	33038	11.053	ug/l	98
17) Carbon Disulfide	2.249	76	32515	2.633	ug/l #	95
18) Methyl Acetate	2.378	43	17833	1.763	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	47179	2.126	ug/l	98
20) Methylene Chloride	2.455	84	18562	2.448	ug/l	86
21) trans-1,2-Dichloroethene	2.703	96	14832	2.355	ug/l	98
22) Diisopropyl ether	3.214	45	39407	2.092	ug/l #	64
23) Vinyl Acetate	3.198	43	150817	10.209	ug/l	98
24) 1,1-Dichloroethane	3.117	63	28520	2.311	ug/l	99
25) 2-Butanone	3.889	43	39329	9.180	ug/l	99
26) 2,2-Dichloropropane	3.805	77	23700	2.194	ug/l	99
27) cis-1,2-Dichloroethene	3.828	96	16097	2.226	ug/l	82
28) Bromochloromethane	4.153	49	11204	2.346	ug/l	91
29) Tetrahydrofuran	4.249	42	29519m	10.454	ug/l	
30) Chloroform	4.281	83	28550	2.099	ug/l	100
31) Cyclohexane	4.587	56	27847	3.438	ug/l #	55
32) 1,1,1-Trichloroethane	4.510	97	23570	1.986	ug/l	92
36) 1,1-Dichloropropene	4.754	75	17722m	2.374	ug/l	
37) Ethyl Acetate	4.005	43	23855m	2.714	ug/l	
38) Carbon Tetrachloride	4.735	117	21262m	2.144	ug/l	
39) Methylcyclohexane	6.047	83	20224	2.296	ug/l	98
40) Benzene	5.014	78	54384	2.149	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.195	41	5002	1.240	ug/l #	76
42) 1,2-Dichloroethane	5.053	62	21272	2.205	ug/l	91
43) Isopropyl Acetate	5.207	43	31130m	2.240	ug/l	
44) Trichloroethene	5.847	130	14326	2.167	ug/l	97
45) 1,2-Dichloropropane	6.101	63	15662m	2.343	ug/l	
46) Dibromomethane	6.243	93	10251	1.982	ug/l	95
47) Bromodichloromethane	6.432	83	21878	1.993	ug/l	96
48) Methyl methacrylate	6.336	41	14937m	2.476	ug/l	
49) 1,4-Dioxane	6.313	88	4897m	37.679	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	88935m	9.397	ug/l	
52) Toluene	7.313	92	35220	2.209	ug/l	97
53) t-1,3-Dichloropropene	7.596	75	19924m	2.006	ug/l	
54) cis-1,3-Dichloropropene	6.960	75	20717	1.930	ug/l	93
55) 1,1,2-Trichloroethane	7.773	97	14518	1.905	ug/l	97
56) Ethyl methacrylate	7.731	69	15252	1.685	ug/l	98
57) 1,3-Dichloropropane	7.944	76	22735	1.990	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.821	63	42883m	7.848	ug/l	
59) 2-Hexanone	8.079	43	57575m	8.172	ug/l	
60) Dibromochloromethane	8.172	129	17849	1.989	ug/l	94
61) 1,2-Dibromoethane	8.281	107	14741	1.920	ug/l	95
64) Tetrachloroethene	7.899	164	13976	2.552	ug/l	92
65) Chlorobenzene	8.808	112	40927	2.243	ug/l	92
66) 1,1,1,2-Tetrachloroethane	8.899	131	13594	1.868	ug/l	84
67) Ethyl Benzene	8.944	91	56935	2.102	ug/l	97
68) m/p-Xylenes	9.069	106	39772	3.771	ug/l	96
69) o-Xylene	9.474	106	19569	1.966	ug/l	97
70) Styrene	9.497	104	30415	1.729	ug/l	99
71) Bromoform	9.657	173	11735	1.984	ug/l #	98
73) Isopropylbenzene	9.860	105	49859	2.208	ug/l	98
74) N-amyl acetate	9.735	43	18255	2.207	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	10.172	83	25490	2.695	ug/l	97
76) 1,2,3-Trichloropropane	10.204	75	16981	2.416	ug/l	83
77) Bromobenzene	10.152	156	16195	2.734	ug/l	96
78) n-propylbenzene	10.281	91	63026	2.388	ug/l	99
79) 2-Chlorotoluene	10.352	91	40603	2.419	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	44285	2.325	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.934	75	6326	2.197	ug/l	96
82) 4-Chlorotoluene	10.471	91	41443	2.209	ug/l	96
83) tert-Butylbenzene	10.789	119	43843	2.196	ug/l	100
84) 1,2,4-Trimethylbenzene	10.844	105	39161	2.090	ug/l	98
85) sec-Butylbenzene	11.014	105	56449	2.215	ug/l	100
86) p-Isopropyltoluene	11.169	119	48040	2.220	ug/l	96
87) 1,3-Dichlorobenzene	11.114	146	30883	2.554	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	33272	2.529	ug/l	85
89) n-Butylbenzene	11.583	91	45489	2.303	ug/l	95
90) Hexachloroethane	11.821	117	12441	2.418	ug/l	96
91) 1,2-Dichlorobenzene	11.574	146	27109	2.309	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	4976	2.327	ug/l	94
93) 1,2,4-Trichlorobenzene	13.191	180	16060	2.318	ug/l	95
94) Hexachlorobutadiene	13.371	225	8552	2.397	ug/l	95
95) Naphthalene	13.432	128	46809m	2.056	ug/l	
96) 1,2,3-Trichlorobenzene	13.670	180	16387	2.282	ug/l	99

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

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