

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111225\
 Data File : VW039370.D
 Acq On : 12 Nov 2025 12:40
 Operator : SY/MD
 Sample : Q3530-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 14 00:21:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Mahesh Dadoda 11/14/2025

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	767272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1124227	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1089790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	608653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	521641	55.109	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 110.220%			
35) Dibromofluoromethane	4.503	113	441939	51.253	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.500%			
50) Toluene-d8	7.236	98	1389913	48.779	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 97.560%			
62) 4-Bromofluorobenzene	10.002	95	515351	47.069	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 94.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	14135	3.086	ug/l	99
3) Chloromethane	1.230	50	14004	3.276	ug/l	92
4) Vinyl Chloride	1.298	62	16333	3.097	ug/l #	86
5) Bromomethane	1.500	94	10595	3.374	ug/l	98
6) Chloroethane	1.561	64	10440	2.681	ug/l	99
7) Trichlorofluoromethane	1.725	101	31168	2.902	ug/l	98
8) Diethyl Ether	1.921	74	11804	2.882	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.082	101	21028	2.978	ug/l	99
10) Methyl Iodide	2.195	142	14164	3.257	ug/l	97
11) Tert butyl alcohol	2.568	59	18189	17.937	ug/l #	93
12) 1,1-Dichloroethene	2.085	96	14835	2.656	ug/l #	76
13) Acrolein	2.008	56	2308	24.260	ug/l	87
14) Allyl chloride	2.362	41	28378	2.851	ug/l	99
15) Acrylonitrile	2.693	53	53782	13.665	ug/l	97
16) Acetone	2.121	43	106760	21.317	ug/l	99
17) Carbon Disulfide	2.256	76	29419	3.332	ug/l	98
18) Methyl Acetate	2.394	43	22302	1.663	ug/l #	81
19) Methyl tert-butyl Ether	2.712	73	57734	2.749	ug/l	97
20) Methylene Chloride	2.462	84	23228	3.004	ug/l	96
21) trans-1,2-Dichloroethene	2.712	96	15983	2.885	ug/l	93
22) Diisopropyl ether	3.217	45	53832	2.490	ug/l #	3
23) Vinyl Acetate	3.211	43	213910	14.007	ug/l	98
24) 1,1-Dichloroethane	3.124	63	38028	2.892	ug/l #	94
25) 2-Butanone	3.905	43	82132	15.717	ug/l	95
26) 2,2-Dichloropropane	3.822	77	31316	2.832	ug/l	100
27) cis-1,2-Dichloroethene	3.847	96	18800	2.499	ug/l	94
28) Bromochloromethane	4.159	49	12986	2.258	ug/l #	51
29) Tetrahydrofuran	4.256	42	34680	11.856	ug/l	92
30) Chloroform	4.288	83	42004	2.893	ug/l	92
31) Cyclohexane	4.590	56	33965	4.127	ug/l #	65
32) 1,1,1-Trichloroethane	4.516	97	36699	3.022	ug/l	98
36) 1,1-Dichloropropene	4.767	75	19455	2.620	ug/l	94
37) Ethyl Acetate	3.905	43	82132	7.199	ug/l #	73
38) Carbon Tetrachloride	4.735	117	30022	2.721	ug/l	94
39) Methylcyclohexane	6.053	83	21304	2.694	ug/l	95
40) Benzene	5.024	78	70881	2.729	ug/l	99

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Quant Time: Nov 14 00:21:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
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Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.208	41	4426m	1.086	ug/l	
42) 1,2-Dichloroethane	5.063	62	28020	2.768	ug/l	98
43) Isopropyl Acetate	5.220	43	34758	2.287	ug/l #	80
44) Trichloroethene	5.844	130	19937	2.829	ug/l	97
45) 1,2-Dichloropropane	6.101	63	18633	2.652	ug/l	91
46) Dibromomethane	6.243	93	16071	2.844	ug/l	92
47) Bromodichloromethane	6.436	83	31660	2.587	ug/l	98
48) Methyl methacrylate	6.336	41	13230m	1.869	ug/l	
49) 1,4-Dioxane	6.317	88	4938m	45.290	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	126496	12.175	ug/l	96
52) Toluene	7.320	92	43675	2.684	ug/l	91
53) t-1,3-Dichloropropene	7.593	75	27783	2.639	ug/l	96
54) cis-1,3-Dichloropropene	6.966	75	29438	2.633	ug/l	94
55) 1,1,2-Trichloroethane	7.770	97	21806	2.646	ug/l	97
56) Ethyl methacrylate	7.735	69	20690	2.080	ug/l	98
57) 1,3-Dichloropropane	7.944	76	34680	2.737	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.831	63	34192	12.085	ug/l #	87
59) 2-Hexanone	8.076	43	96251	12.962	ug/l	98
60) Dibromochloromethane	8.172	129	28932	2.740	ug/l	96
61) 1,2-Dibromoethane	8.285	107	21936	2.731	ug/l	95
64) Tetrachloroethene	7.902	164	18226	2.706	ug/l	96
65) Chlorobenzene	8.809	112	61631	2.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	24669	2.725	ug/l	93
67) Ethyl Benzene	8.944	91	78372	2.498	ug/l	96
68) m/p-Xylenes	9.069	106	53096	4.481	ug/l	96
69) o-Xylene	9.471	106	26969	2.405	ug/l	99
70) Styrene	9.500	104	44180	2.204	ug/l	94
71) Bromoform	9.661	173	22281	2.652	ug/l #	98
73) Isopropylbenzene	9.857	105	72696	2.446	ug/l	97
74) N-amyl acetate	9.738	43	26450	2.271	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.169	83	36907	2.851	ug/l	96
76) 1,2,3-Trichloropropane	10.204	75	26851	2.842	ug/l	91
77) Bromobenzene	10.146	156	28556	3.113	ug/l	93
78) n-propylbenzene	10.281	91	88796	2.608	ug/l	95
79) 2-Chlorotoluene	10.352	91	58866	2.701	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	60140	2.475	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	8348	2.369	ug/l #	91
82) 4-Chlorotoluene	10.471	91	61570	2.527	ug/l	99
83) tert-Butylbenzene	10.789	119	70404	2.636	ug/l	98
84) 1,2,4-Trimethylbenzene	10.844	105	54316	2.295	ug/l	96
85) sec-Butylbenzene	11.011	105	80662	2.547	ug/l	100
86) p-Isopropyltoluene	11.169	119	67653	2.476	ug/l	97
87) 1,3-Dichlorobenzene	11.114	146	47992	2.728	ug/l	97
88) 1,4-Dichlorobenzene	11.201	146	53891	2.809	ug/l	89
89) n-Butylbenzene	11.583	91	60958	2.501	ug/l	96
90) Hexachloroethane	11.821	117	18938	2.780	ug/l	96
91) 1,2-Dichlorobenzene	11.574	146	46225	2.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	6675	2.508	ug/l	97
93) 1,2,4-Trichlorobenzene	13.191	180	29261	2.678	ug/l	97
94) Hexachlorobutadiene	13.368	225	17860	3.065	ug/l	96
95) Naphthalene	13.432	128	67708	2.313	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	28350	2.515	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Nov 14 00:16:53 2025
Response via : Initial Calibration

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

