

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071625\
 Data File : VW038907.D
 Acq On : 16 Jul 2025 14:56
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 06:16:48 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	4.596	168	538928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	901472	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	773953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	301853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	338999	51.482	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 102.960%			
35) Dibromofluoromethane	4.497	113	288093	46.873	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.740%			
50) Toluene-d8	7.233	98	998858	53.765	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 107.520%			
62) 4-Bromofluorobenzene	10.001	95	321393	42.944	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 85.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	9670	2.042	ug/l	91
3) Chloromethane	1.227	50	13405	2.621	ug/l	96
4) Vinyl Chloride	1.294	62	13766	2.352	ug/l	89
5) Bromomethane	1.487	94	12256	2.793	ug/l	84
6) Chloroethane	1.555	64	9199	2.352	ug/l	95
7) Trichlorofluoromethane	1.722	101	22507	2.173	ug/l	98
8) Diethyl Ether	1.918	74	8885	2.386	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.076	101	12507	2.020	ug/l	95
10) Methyl Iodide	2.195	142	16126	2.268	ug/l	98
11) Tert butyl alcohol	2.574	59	19669	12.974	ug/l #	84
12) 1,1-Dichloroethene	2.079	96	12100	2.145	ug/l	91
13) Acrolein	2.015	56	2929m	13.360	ug/l	
14) Allyl chloride	2.355	41	23101	2.570	ug/l	87
15) Acrylonitrile	2.677	53	45456	11.717	ug/l	99
16) Acetone	2.121	43	38440	13.491	ug/l #	88
17) Carbon Disulfide	2.249	76	30383	2.581	ug/l	97
18) Methyl Acetate	2.381	43	22114	2.294	ug/l	93
19) Methyl tert-butyl Ether	2.712	73	45575	2.154	ug/l	97
20) Methylene Chloride	2.452	84	17208	2.381	ug/l #	95
21) trans-1,2-Dichloroethene	2.703	96	13944	2.323	ug/l	96
22) Diisopropyl ether	3.220	45	36222	2.017	ug/l	89
23) Vinyl Acetate	3.195	43	152432	10.824	ug/l	97
24) 1,1-Dichloroethane	3.117	63	27845	2.367	ug/l	98
25) 2-Butanone	3.895	43	42283	10.353	ug/l	99
26) 2,2-Dichloropropane	3.805	77	20258	1.967	ug/l	79
27) cis-1,2-Dichloroethene	3.825	96	14484	2.101	ug/l	97
28) Bromochloromethane	4.149	49	11932	2.621	ug/l	97
29) Tetrahydrofuran	4.246	42	28875	10.727	ug/l #	78
30) Chloroform	4.278	83	27386	2.112	ug/l	97
31) Cyclohexane	4.580	56	25873	3.351	ug/l #	79
32) 1,1,1-Trichloroethane	4.510	97	24765	2.189	ug/l	99
36) 1,1-Dichloropropene	4.748	75	16077m	2.276	ug/l	
37) Ethyl Acetate	4.018	43	21012m	2.527	ug/l	
38) Carbon Tetrachloride	4.731	117	18916m	2.016	ug/l	
39) Methylcyclohexane	6.040	83	17158	2.059	ug/l	93
40) Benzene	5.014	78	51171	2.137	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.185	41	5155	1.351	ug/l #	62
42) 1,2-Dichloroethane	5.053	62	19882	2.178	ug/l	88
43) Isopropyl Acetate	5.211	43	23881	1.816	ug/l #	79
44) Trichloroethene	5.844	130	12301	1.966	ug/l	90
45) 1,2-Dichloropropane	6.101	63	10780	1.704	ug/l	97
46) Dibromomethane	6.239	93	10950	2.237	ug/l	94
47) Bromodichloromethane	6.432	83	20555	1.979	ug/l	98
48) Methyl methacrylate	6.346	41	14104m	2.471	ug/l	
49) 1,4-Dioxane	6.317	88	5510m	44.801	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	79834	8.914	ug/l	92
52) Toluene	7.320	92	31562	2.092	ug/l	99
53) t-1,3-Dichloropropene	7.590	75	16776	1.785	ug/l	99
54) cis-1,3-Dichloropropene	6.963	75	17323	1.705	ug/l	94
55) 1,1,2-Trichloroethane	7.770	97	13866	1.923	ug/l	97
56) Ethyl methacrylate	7.741	69	14156	1.652	ug/l #	95
57) 1,3-Dichloropropane	7.944	76	21745	2.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.825	63	38033	7.355	ug/l	97
59) 2-Hexanone	8.079	43	56680	8.502	ug/l	89
60) Dibromochloromethane	8.172	129	16515	1.945	ug/l	96
61) 1,2-Dibromoethane	8.284	107	13412	1.846	ug/l	93
64) Tetrachloroethene	7.902	164	11952	2.355	ug/l	97
65) Chlorobenzene	8.808	112	37850	2.238	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.902	131	14142	2.097	ug/l	96
67) Ethyl Benzene	8.944	91	49967	1.990	ug/l	97
68) m/p-Xylenes	9.069	106	36508	3.734	ug/l	98
69) o-Xylene	9.474	106	17418	1.888	ug/l	98
70) Styrene	9.497	104	26821	1.645	ug/l	98
71) Bromoform	9.661	173	11709	2.136	ug/l #	98
73) Isopropylbenzene	9.860	105	45899	2.545	ug/l	99
74) N-amyl acetate	9.738	43	13418	2.031	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.172	83	24194	3.203	ug/l	93
76) 1,2,3-Trichloropropane	10.204	75	18447	3.287	ug/l	99
77) Bromobenzene	10.149	156	13959	2.950	ug/l	98
78) n-propylbenzene	10.284	91	55775	2.646	ug/l	98
79) 2-Chlorotoluene	10.355	91	35597	2.655	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	38036	2.501	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	5564	2.419	ug/l	94
82) 4-Chlorotoluene	10.474	91	36409	2.430	ug/l	98
83) tert-Butylbenzene	10.792	119	41792	2.621	ug/l	98
84) 1,2,4-Trimethylbenzene	10.847	105	35521	2.373	ug/l	97
85) sec-Butylbenzene	11.014	105	48458	2.381	ug/l	98
86) p-Isopropyltoluene	11.172	119	40628	2.351	ug/l	98
87) 1,3-Dichlorobenzene	11.114	146	25224	2.612	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	28604	2.723	ug/l	88
89) n-Butylbenzene	11.586	91	35352	2.241	ug/l	97
90) Hexachloroethane	11.821	117	10951	2.665	ug/l	99
91) 1,2-Dichlorobenzene	11.577	146	24204	2.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.358	75	4875	2.854	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	12554	2.269	ug/l	93
94) Hexachlorobutadiene	13.368	225	7741	2.716	ug/l	99
95) Naphthalene	13.435	128	41332	2.273	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	14096	2.458	ug/l	98

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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

