

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071525\
 Data File : VW038896.D
 Acq On : 15 Jul 2025 12:00
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 02:50:40 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	4.596	168	593200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1015315	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	944328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	446776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	395598	54.581	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.160%			
35) Dibromofluoromethane	4.497	113	331060	47.824	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.640%			
50) Toluene-d8	7.236	98	1159238	55.401	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 110.800%			
62) 4-Bromofluorobenzene	10.001	95	429694	50.977	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 101.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	10055	1.929	ug/l	100
3) Chloromethane	1.230	50	10903	1.937	ug/l	98
4) Vinyl Chloride	1.294	62	12058	1.872	ug/l	97
5) Bromomethane	1.490	94	11955	2.475	ug/l	96
6) Chloroethane	1.555	64	8943	2.077	ug/l	97
7) Trichlorofluoromethane	1.725	101	23113	2.028	ug/l	97
8) Diethyl Ether	1.921	74	9080	2.215	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.079	101	12159	1.784	ug/l	93
10) Methyl Iodide	2.198	142	13406	1.713	ug/l	98
11) Tert butyl alcohol	2.574	59	16990	10.182	ug/l	99
12) 1,1-Dichloroethene	2.082	96	13660	2.200	ug/l	92
13) Acrolein	2.018	56	2362m	9.788	ug/l	
14) Allyl chloride	2.359	41	22901	2.315	ug/l #	87
15) Acrylonitrile	2.677	53	41415	9.699	ug/l	97
16) Acetone	2.124	43	33809	10.780	ug/l	91
17) Carbon Disulfide	2.252	76	30190	2.330	ug/l	98
18) Methyl Acetate	2.381	43	17999	1.696	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	45018	1.933	ug/l	97
20) Methylene Chloride	2.455	84	15674	1.970	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	13979	2.116	ug/l	95
22) Diisopropyl ether	3.224	45	36602	1.852	ug/l #	84
23) Vinyl Acetate	3.195	43	140765	9.081	ug/l	94
24) 1,1-Dichloroethane	3.121	63	26404	2.039	ug/l	97
25) 2-Butanone	3.896	43	37327	8.304	ug/l	93
26) 2,2-Dichloropropane	3.812	77	22023	1.943	ug/l	95
27) cis-1,2-Dichloroethene	3.825	96	14852	1.957	ug/l	95
28) Bromochloromethane	4.156	49	11572	2.309	ug/l	97
29) Tetrahydrofuran	4.249	42	28067m	9.473	ug/l	
30) Chloroform	4.278	83	26962	1.889	ug/l	91
31) Cyclohexane	4.584	56	27554	3.243	ug/l #	75
32) 1,1,1-Trichloroethane	4.516	97	23421	1.881	ug/l #	85
36) 1,1-Dichloropropene	4.751	75	17427m	2.191	ug/l	
37) Ethyl Acetate	4.014	43	19358m	2.067	ug/l	
38) Carbon Tetrachloride	4.735	117	18123	1.715	ug/l	97
39) Methylcyclohexane	6.047	83	17443	1.858	ug/l	93
40) Benzene	5.018	78	49635	1.840	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	4467	1.039	ug/l #	80
42) 1,2-Dichloroethane	5.050	62	20375	1.982	ug/l	100
43) Isopropyl Acetate	5.214	43	29076m	1.963	ug/l	
44) Trichloroethene	5.844	130	13175	1.870	ug/l	80
45) 1,2-Dichloropropane	6.098	63	14763m	2.072	ug/l	
46) Dibromomethane	6.236	93	10186m	1.848	ug/l	
47) Bromodichloromethane	6.436	83	20293	1.735	ug/l	91
48) Methyl methacrylate	6.333	41	13302m	2.069	ug/l	
49) 1,4-Dioxane	6.313	88	5089m	36.739	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	89008m	8.824	ug/l	
52) Toluene	7.317	92	31343	1.845	ug/l	96
53) t-1,3-Dichloropropene	7.593	75	17693	1.671	ug/l	97
54) cis-1,3-Dichloropropene	6.963	75	19014	1.662	ug/l	99
55) 1,1,2-Trichloroethane	7.770	97	14281	1.759	ug/l	95
56) Ethyl methacrylate	7.735	69	15812m	1.639	ug/l	
57) 1,3-Dichloropropane	7.944	76	21561	1.771	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.825	63	42591m	7.313	ug/l	
59) 2-Hexanone	8.079	43	53903m	7.179	ug/l	
60) Dibromochloromethane	8.172	129	16750	1.752	ug/l	96
61) 1,2-Dibromoethane	8.284	107	14831	1.813	ug/l	91
64) Tetrachloroethene	7.902	164	12884	2.080	ug/l	98
65) Chlorobenzene	8.812	112	38967	1.889	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	13671	1.661	ug/l	90
67) Ethyl Benzene	8.944	91	52951	1.728	ug/l	96
68) m/p-Xylenes	9.069	106	38374	3.217	ug/l	96
69) o-Xylene	9.474	106	18605	1.652	ug/l	92
70) Styrene	9.497	104	29106	1.463	ug/l	96
71) Bromoform	9.661	173	11437	1.710	ug/l #	96
73) Isopropylbenzene	9.860	105	47043	1.762	ug/l	100
74) N-amyl acetate	9.735	43	16645	1.702	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.172	83	23480	2.100	ug/l	98
76) 1,2,3-Trichloropropane	10.204	75	15868	1.910	ug/l	94
77) Bromobenzene	10.149	156	15042	2.148	ug/l	96
78) n-propylbenzene	10.281	91	60583	1.942	ug/l	100
79) 2-Chlorotoluene	10.352	91	39372	1.984	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	39674	1.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	5640m	1.657	ug/l	
82) 4-Chlorotoluene	10.474	91	39708	1.790	ug/l	96
83) tert-Butylbenzene	10.792	119	42518	1.801	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	36995	1.670	ug/l	95
85) sec-Butylbenzene	11.014	105	51390	1.706	ug/l	97
86) p-Isopropyltoluene	11.172	119	46027	1.800	ug/l	99
87) 1,3-Dichlorobenzene	11.114	146	26787	1.874	ug/l	97
88) 1,4-Dichlorobenzene	11.197	146	31253m	2.010	ug/l	
89) n-Butylbenzene	11.587	91	43684	1.871	ug/l	95
90) Hexachloroethane	11.824	117	11604	1.908	ug/l	96
91) 1,2-Dichlorobenzene	11.574	146	25956	1.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	4532	1.793	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	15126	1.847	ug/l	96
94) Hexachlorobutadiene	13.371	225	8355	1.981	ug/l	97
95) Naphthalene	13.432	128	44399m	1.650	ug/l	
96) 1,2,3-Trichlorobenzene	13.673	180	14198	1.672	ug/l	92

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

