

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071525\
 Data File : VW038898.D
 Acq On : 15 Jul 2025 13:18
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 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 02:52:43 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	4.597	168	500849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	874100	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	800283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	358143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	339707	55.512	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.020%			
35) Dibromofluoromethane	4.500	113	283204	47.520	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.040%			
50) Toluene-d8	7.236	98	938450	52.095	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	10.002	95	346493	47.747	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 95.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	2281	0.518	ug/l	96
3) Chloromethane	1.230	50	3054	0.643	ug/l #	84
4) Vinyl Chloride	1.294	62	3071	0.565	ug/l	90
5) Bromomethane	1.497	94	3683	0.903	ug/l	85
6) Chloroethane	1.558	64	2258	0.621	ug/l #	79
7) Trichlorofluoromethane	1.722	101	4950	0.514	ug/l	93
8) Diethyl Ether	1.925	74	1911m	0.552	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.082	101	3066m	0.533	ug/l	
10) Methyl Iodide	2.198	142	3469	0.525	ug/l	95
11) Tert butyl alcohol	2.577	59	3827	2.716	ug/l	98
12) 1,1-Dichloroethene	2.089	96	2997	0.572	ug/l	85
13) Acrolein	2.021	56	553m	2.714	ug/l	
14) Allyl chloride	2.359	41	4258m	0.510	ug/l	
15) Acrylonitrile	2.683	53	9734	2.700	ug/l	96
16) Acetone	2.124	43	8069	3.047	ug/l	94
17) Carbon Disulfide	2.249	76	7401	0.677	ug/l #	92
18) Methyl Acetate	2.388	43	4766m	0.532	ug/l	
19) Methyl tert-butyl Ether	2.722	73	10070m	0.512	ug/l	
20) Methylene Chloride	2.458	84	4556	0.678	ug/l #	89
21) trans-1,2-Dichloroethene	2.703	96	3349	0.600	ug/l #	88
22) Diisopropyl ether	3.224	45	8018	0.480	ug/l #	63
23) Vinyl Acetate	3.211	43	29022m	2.218	ug/l	
24) 1,1-Dichloroethane	3.121	63	5546	0.507	ug/l	98
25) 2-Butanone	3.928	43	10105m	2.662	ug/l	
26) 2,2-Dichloropropane	3.818	77	4631	0.484	ug/l	100
27) cis-1,2-Dichloroethene	3.844	96	2937	0.458	ug/l	75
28) Bromochloromethane	4.156	49	2998m	0.709	ug/l	
29) Tetrahydrofuran	4.272	42	6486m	2.593	ug/l	
30) Chloroform	4.288	83	5483	0.455	ug/l #	76
31) Cyclohexane	4.597	56	13455	1.875	ug/l #	14
32) 1,1,1-Trichloroethane	4.513	97	5792m	0.551	ug/l	
36) 1,1-Dichloropropene	4.757	75	3578m	0.522	ug/l	
37) Ethyl Acetate	3.966	43	4011m	0.497	ug/l	
38) Carbon Tetrachloride	4.741	117	4343m	0.477	ug/l	
39) Methylcyclohexane	6.047	83	4221	0.522	ug/l #	85
40) Benzene	5.021	78	10244	0.441	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	4.230	41	898m	0.243	ug/l	
42) 1,2-Dichloroethane	5.053	62	4071m	0.460	ug/l	
43) Isopropyl Acetate	5.246	43	5609m	0.440	ug/l	
44) Trichloroethene	5.854	130	2919	0.481	ug/l	79
45) 1,2-Dichloropropane	6.117	63	2582	0.421	ug/l #	89
46) Dibromomethane	6.243	93	1934m	0.408	ug/l	
47) Bromodichloromethane	6.436	83	4638m	0.461	ug/l	
48) Methyl methacrylate	6.388	41	2558m	0.462	ug/l	
49) 1,4-Dioxane	6.378	88	833m	6.985	ug/l	
51) 4-Methyl-2-Pentanone	7.166	43	20194m	2.325	ug/l	
52) Toluene	7.333	92	6839	0.468	ug/l	99
53) t-1,3-Dichloropropene	7.609	75	4521m	0.496	ug/l	
54) cis-1,3-Dichloropropene	6.979	75	4654m	0.472	ug/l	
55) 1,1,2-Trichloroethane	7.793	97	3314m	0.474	ug/l	
56) Ethyl methacrylate	7.764	69	3211m	0.386	ug/l	
57) 1,3-Dichloropropane	7.960	76	4549	0.434	ug/l #	73
58) 2-Chloroethyl Vinyl ether	6.857	63	7441m	1.484	ug/l	
59) 2-Hexanone	8.104	43	15076m	2.332	ug/l	
60) Dibromochloromethane	8.175	129	3757	0.456	ug/l	93
61) 1,2-Dibromoethane	8.291	107	2942	0.418	ug/l #	76
64) Tetrachloroethene	7.905	164	2395	0.456	ug/l #	81
65) Chlorobenzene	8.805	112	8693	0.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.902	131	3387	0.486	ug/l #	65
67) Ethyl Benzene	8.950	91	11756	0.453	ug/l	99
68) m/p-Xylenes	9.079	106	8120m	0.803	ug/l	
69) o-Xylene	9.484	106	3801	0.398	ug/l	98
70) Styrene	9.519	104	6591m	0.391	ug/l	
71) Bromoform	9.674	173	2880	0.508	ug/l #	72
73) Isopropylbenzene	9.866	105	10493	0.490	ug/l	100
74) N-amyl acetate	9.760	43	3557m	0.454	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	5333	0.595	ug/l	89
76) 1,2,3-Trichloropropane	10.211	75	4140m	0.622	ug/l	
77) Bromobenzene	10.159	156	3145	0.560	ug/l	83
78) n-propylbenzene	10.291	91	11436	0.457	ug/l	89
79) 2-Chlorotoluene	10.362	91	8579	0.539	ug/l	89
80) 1,3,5-Trimethylbenzene	10.471	105	7779	0.431	ug/l	96
81) trans-1,4-Dichloro-2-b...	9.944	75	1288m	0.472	ug/l	
82) 4-Chlorotoluene	10.481	91	7914	0.445	ug/l	88
83) tert-Butylbenzene	10.796	119	8405	0.444	ug/l	89
84) 1,2,4-Trimethylbenzene	10.850	105	8208	0.462	ug/l	95
85) sec-Butylbenzene	11.014	105	10055	0.416	ug/l	94
86) p-Isopropyltoluene	11.172	119	8914	0.435	ug/l #	80
87) 1,3-Dichlorobenzene	11.124	146	5689	0.497	ug/l	93
88) 1,4-Dichlorobenzene	11.198	146	7958m	0.638	ug/l	
89) n-Butylbenzene	11.590	91	8466	0.452	ug/l	96
90) Hexachloroethane	11.828	117	2856m	0.586	ug/l	
91) 1,2-Dichlorobenzene	11.587	146	5274	0.474	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.368	75	1074	0.530	ug/l #	73
93) 1,2,4-Trichlorobenzene	13.201	180	2925	0.445	ug/l	78
94) Hexachlorobutadiene	13.365	225	1962	0.580	ug/l	86
95) Naphthalene	13.448	128	9324	0.432	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.683	180	3078	0.452	ug/l	90

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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

