

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038921.D
 Acq On : 18 Jul 2025 15:01
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Quant Time: Jul 19 01:03:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	647779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1165184	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1088422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	515177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	442661	55.929	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 111.860%			
35) Dibromofluoromethane	4.500	113	378469	47.641	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.280%			
50) Toluene-d8	7.236	98	1344486	55.990	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 111.980%			
62) 4-Bromofluorobenzene	10.001	95	517908	53.539	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 107.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	10436	1.834	ug/l	91
3) Chloromethane	1.230	50	11763	1.914	ug/l	94
4) Vinyl Chloride	1.294	62	14176	2.015	ug/l	99
5) Bromomethane	1.491	94	11696	2.217	ug/l	88
6) Chloroethane	1.555	64	9956	2.117	ug/l	99
7) Trichlorofluoromethane	1.722	101	24414	1.961	ug/l	97
8) Diethyl Ether	1.918	74	8154	1.822	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	14110	1.896	ug/l	99
10) Methyl Iodide	2.198	142	14423	1.688	ug/l	99
11) Tert butyl alcohol	2.571	59	17632	9.676	ug/l #	88
12) 1,1-Dichloroethene	2.082	96	12751	1.880	ug/l	90
13) Acrolein	2.018	56	2196	8.334	ug/l #	77
14) Allyl chloride	2.359	41	21054	1.949	ug/l	99
15) Acrylonitrile	2.680	53	46697	10.014	ug/l	97
16) Acetone	2.124	43	35913	10.486	ug/l	99
17) Carbon Disulfide	2.253	76	31917	2.256	ug/l	97
18) Methyl Acetate	2.381	43	20374	1.758	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	47993	1.888	ug/l	98
20) Methylene Chloride	2.455	84	16729	1.925	ug/l	90
21) trans-1,2-Dichloroethene	2.703	96	14606	2.024	ug/l	91
22) Diisopropyl ether	3.217	45	42664	1.976	ug/l #	40
23) Vinyl Acetate	3.198	43	183691	10.852	ug/l	100
24) 1,1-Dichloroethane	3.121	63	26880	1.901	ug/l	98
25) 2-Butanone	3.899	43	44326	9.030	ug/l	93
26) 2,2-Dichloropropane	3.818	77	23810	1.924	ug/l	99
27) cis-1,2-Dichloroethene	3.831	96	15726	1.898	ug/l	99
28) Bromochloromethane	4.166	49	12391	2.264	ug/l	95
29) Tetrahydrofuran	4.249	42	28372	8.769	ug/l #	73
30) Chloroform	4.288	83	28970	1.859	ug/l	94
31) Cyclohexane	4.593	56	31325	3.376	ug/l #	60
32) 1,1,1-Trichloroethane	4.513	97	26547	1.952	ug/l	97
36) 1,1-Dichloropropene	4.751	75	15038	1.647	ug/l	94
37) Ethyl Acetate	4.015	43	21889m	2.036	ug/l	
38) Carbon Tetrachloride	4.732	117	22114	1.823	ug/l	96
39) Methylcyclohexane	6.050	83	19614	1.821	ug/l	96
40) Benzene	5.018	78	53663	1.734	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.207	41	5549m	1.125	ug/l	
42) 1,2-Dichloroethane	5.056	62	21769	1.845	ug/l	98
43) Isopropyl Acetate	5.214	43	29790m	1.752	ug/l	
44) Trichloroethene	5.844	130	14290	1.767	ug/l	86
45) 1,2-Dichloropropane	6.105	63	12741	1.558	ug/l	98
46) Dibromomethane	6.243	93	11140	1.761	ug/l	99
47) Bromodichloromethane	6.436	83	21128	1.574	ug/l	88
48) Methyl methacrylate	6.346	41	15774m	2.138	ug/l	
49) 1,4-Dioxane	6.323	88	5243m	32.982	ug/l	
51) 4-Methyl-2-Pentanone	7.159	43	97903m	8.457	ug/l	
52) Toluene	7.320	92	35072	1.799	ug/l	96
53) t-1,3-Dichloropropene	7.593	75	19196	1.580	ug/l	94
54) cis-1,3-Dichloropropene	6.963	75	20845	1.587	ug/l	95
55) 1,1,2-Trichloroethane	7.770	97	15575	1.671	ug/l	97
56) Ethyl methacrylate	7.735	69	15229	1.375	ug/l	89
57) 1,3-Dichloropropane	7.947	76	23516	1.683	ug/l	95
58) 2-Chloroethyl Vinyl ether	6.825	63	42923	6.422	ug/l	98
59) 2-Hexanone	8.079	43	64593m	7.496	ug/l	
60) Dibromochloromethane	8.172	129	18163	1.655	ug/l	98
61) 1,2-Dibromoethane	8.285	107	15430	1.643	ug/l	98
64) Tetrachloroethene	7.902	164	13054	1.829	ug/l	89
65) Chlorobenzene	8.805	112	40035	1.683	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.902	131	14707	1.551	ug/l	93
67) Ethyl Benzene	8.947	91	58461	1.655	ug/l	99
68) m/p-Xylenes	9.069	106	42631	3.101	ug/l	96
69) o-Xylene	9.474	106	18873	1.454	ug/l	95
70) Styrene	9.500	104	31538	1.375	ug/l	96
71) Bromoform	9.667	173	12356	1.603	ug/l #	95
73) Isopropylbenzene	9.860	105	50934	1.655	ug/l	97
74) N-amyl acetate	9.735	43	18874	1.674	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.172	83	24813	1.924	ug/l	96
76) 1,2,3-Trichloropropane	10.204	75	18420	1.923	ug/l	76
77) Bromobenzene	10.149	156	16666	2.064	ug/l	97
78) n-propylbenzene	10.281	91	63918	1.777	ug/l	99
79) 2-Chlorotoluene	10.352	91	40911	1.788	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	44478	1.713	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	6360m	1.620	ug/l	
82) 4-Chlorotoluene	10.471	91	45462	1.778	ug/l	99
83) tert-Butylbenzene	10.792	119	46325	1.702	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	41032	1.606	ug/l	96
85) sec-Butylbenzene	11.014	105	56066	1.614	ug/l	99
86) p-Isopropyltoluene	11.172	119	50720	1.720	ug/l	96
87) 1,3-Dichlorobenzene	11.114	146	28856	1.751	ug/l	97
88) 1,4-Dichlorobenzene	11.198	146	36663	2.045	ug/l	89
89) n-Butylbenzene	11.587	91	46776	1.737	ug/l	96
90) Hexachloroethane	11.821	117	13050	1.860	ug/l	91
91) 1,2-Dichlorobenzene	11.577	146	29919	1.870	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.362	75	4948	1.697	ug/l	95
93) 1,2,4-Trichlorobenzene	13.191	180	17464	1.849	ug/l	99
94) Hexachlorobutadiene	13.371	225	8442	1.736	ug/l	95
95) Naphthalene	13.432	128	48793	1.572	ug/l	99
96) 1,2,3-Trichlorobenzene	13.677	180	16966	1.733	ug/l	95

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QLast Update : Sat Jul 19 01:02:29 2025
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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

