

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038923.D
 Acq On : 18 Jul 2025 15:44
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 01:05:21 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

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	572951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1056668	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	967699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	453141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	399259	57.033	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 114.060%			
35) Dibromofluoromethane	4.503	113	337981	46.913	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.820%			
50) Toluene-d8	7.236	98	1146641	52.654	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 105.300%			
62) 4-Bromofluorobenzene	10.001	95	435164	49.606	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 99.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.117	85	1853	0.368	ug/l	97
3) Chloromethane	1.230	50	2612	0.480	ug/l #	88
4) Vinyl Chloride	1.298	62	2483	0.399	ug/l	96
5) Bromomethane	1.497	94	3396	0.728	ug/l	91
6) Chloroethane	1.558	64	1829	0.440	ug/l #	86
7) Trichlorofluoromethane	1.725	101	4331	0.393	ug/l	86
8) Diethyl Ether	1.918	74	1832	0.463	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.082	101	2327	0.353	ug/l #	86
10) Methyl Iodide	2.201	142	3384	0.448	ug/l	93
11) Tert butyl alcohol	2.584	59	4351m	2.700	ug/l	
12) 1,1-Dichloroethene	2.085	96	3050	0.508	ug/l #	79
13) Acrolein	2.024	56	617m	2.647	ug/l	
14) Allyl chloride	2.362	41	4660	0.488	ug/l #	85
15) Acrylonitrile	2.690	53	9301	2.255	ug/l	98
16) Acetone	2.127	43	8941	2.952	ug/l	98
17) Carbon Disulfide	2.256	76	7116	0.569	ug/l #	86
18) Methyl Acetate	2.384	43	4003	0.391	ug/l	99
19) Methyl tert-butyl Ether	2.722	73	8838	0.393	ug/l	91
20) Methylene Chloride	2.455	84	4553	0.592	ug/l #	91
21) trans-1,2-Dichloroethene	2.706	96	3268	0.512	ug/l #	70
22) Diisopropyl ether	3.227	45	9039m	0.473	ug/l	
23) Vinyl Acetate	3.211	43	31097m	2.077	ug/l	
24) 1,1-Dichloroethane	3.117	63	5654	0.452	ug/l #	89
25) 2-Butanone	3.944	43	10142m	2.336	ug/l	
26) 2,2-Dichloropropane	3.799	77	4665m	0.426	ug/l	
27) cis-1,2-Dichloroethene	3.838	96	3091m	0.422	ug/l	
28) Bromochloromethane	4.156	49	2404m	0.497	ug/l	
29) Tetrahydrofuran	4.275	42	6649m	2.323	ug/l	
30) Chloroform	4.294	83	5403m	0.392	ug/l	
31) Cyclohexane	4.593	56	15554	1.895	ug/l #	16
32) 1,1,1-Trichloroethane	4.513	97	5057	0.420	ug/l #	47
36) 1,1-Dichloropropene	4.760	75	4555m	0.550	ug/l	
37) Ethyl Acetate	3.944	43	4328	0.444	ug/l #	69
38) Carbon Tetrachloride	4.741	117	4198m	0.382	ug/l	
39) Methylcyclohexane	6.047	83	4216m	0.432	ug/l	
40) Benzene	5.027	78	11412m	0.407	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071825\
 Data File : VW038923.D
 Acq On : 18 Jul 2025 15:44
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 01:05:21 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.259	41	2005m	0.448	ug/l	
42) 1,2-Dichloroethane	5.059	62	5273m	0.493	ug/l	
43) Isopropyl Acetate	5.256	43	6546m	0.425	ug/l	
44) Trichloroethene	5.850	130	2892	0.394	ug/l	82
45) 1,2-Dichloropropane	6.101	63	2600m	0.351	ug/l	
46) Dibromomethane	6.249	93	2032m	0.354	ug/l	
47) Bromodichloromethane	6.442	83	3575	0.294	ug/l #	96
48) Methyl methacrylate	6.413	41	3055m	0.457	ug/l	
49) 1,4-Dioxane	6.371	88	834m	5.785	ug/l	
51) 4-Methyl-2-Pentanone	7.165	43	21115m	2.011	ug/l	
52) Toluene	7.326	92	6321	0.357	ug/l	96
53) t-1,3-Dichloropropene	7.612	75	3600m	0.327	ug/l	
54) cis-1,3-Dichloropropene	6.985	75	3705	0.311	ug/l #	68
55) 1,1,2-Trichloroethane	7.789	97	3357m	0.397	ug/l	
56) Ethyl methacrylate	7.767	69	3378m	0.336	ug/l	
57) 1,3-Dichloropropane	7.963	76	5054m	0.399	ug/l	
58) 2-Chloroethyl Vinyl ether	6.857	63	8678m	1.432	ug/l	
59) 2-Hexanone	8.120	43	13689m	1.752	ug/l	
60) Dibromochloromethane	8.185	129	3560	0.358	ug/l	81
61) 1,2-Dibromoethane	8.300	107	2769m	0.325	ug/l	
64) Tetrachloroethene	7.902	164	2598	0.409	ug/l #	80
65) Chlorobenzene	8.808	112	8267	0.391	ug/l	90
66) 1,1,1,2-Tetrachloroethane	8.908	131	2859	0.339	ug/l #	62
67) Ethyl Benzene	8.953	91	10268	0.327	ug/l	91
68) m/p-Xylenes	9.082	106	6849	0.560	ug/l	90
69) o-Xylene	9.480	106	2988	0.259	ug/l	94
70) Styrene	9.519	104	6253m	0.307	ug/l	
71) Bromoform	9.664	173	2288	0.334	ug/l #	90
73) Isopropylbenzene	9.863	105	8724	0.322	ug/l	97
74) N-amyl acetate	9.757	43	4486m	0.452	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	4828	0.426	ug/l	96
76) 1,2,3-Trichloropropane	10.214	75	3451m	0.410	ug/l	
77) Bromobenzene	10.159	156	3063	0.431	ug/l	96
78) n-propylbenzene	10.291	91	11794	0.373	ug/l	98
79) 2-Chlorotoluene	10.361	91	6963	0.346	ug/l	92
80) 1,3,5-Trimethylbenzene	10.474	105	7497	0.328	ug/l	95
81) trans-1,4-Dichloro-2-b...	9.943	75	1065m	0.308	ug/l	
82) 4-Chlorotoluene	10.484	91	7146	0.318	ug/l	89
83) tert-Butylbenzene	10.792	119	7853	0.328	ug/l	96
84) 1,2,4-Trimethylbenzene	10.857	105	6514	0.290	ug/l	99
85) sec-Butylbenzene	11.017	105	9658	0.316	ug/l	100
86) p-Isopropyltoluene	11.172	119	8813	0.340	ug/l #	79
87) 1,3-Dichlorobenzene	11.120	146	5891	0.406	ug/l	95
88) 1,4-Dichlorobenzene	11.201	146	8225m	0.522	ug/l	
89) n-Butylbenzene	11.593	91	8183	0.346	ug/l	98
90) Hexachloroethane	11.828	117	2345	0.380	ug/l	77
91) 1,2-Dichlorobenzene	11.583	146	5790	0.411	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.371	75	797m	0.311	ug/l	
93) 1,2,4-Trichlorobenzene	13.201	180	3771	0.454	ug/l	96
94) Hexachlorobutadiene	13.371	225	1837	0.429	ug/l	95
95) Naphthalene	13.445	128	9497m	0.348	ug/l	
96) 1,2,3-Trichlorobenzene	13.683	180	3377	0.392	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
Data File : VV038923.D
Acq On : 18 Jul 2025 15:44
Operator : SY/MD
Sample : MDL07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations
APPROVED

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

Quant Time: Jul 19 01:05:21 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

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

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

