

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038870.D
 Acq On : 07 Jul 2025 15:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 08 02:41:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	456992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	772279	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	725071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	364754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	285218	55.688	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.380%	
35) Dibromofluoromethane	4.500	113	251940	51.503	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 103.000%	
50) Toluene-d8	7.236	98	762183	48.157	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	10.001	95	323396	50.576	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 101.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	12368	2.851	ug/l	95
3) Chloromethane	1.230	50	14346	2.695	ug/l	96
4) Vinyl Chloride	1.294	62	13249	2.677	ug/l	98
5) Bromomethane	1.494	94	13206	4.372	ug/l	96
6) Chloroethane	1.558	64	9403	2.834	ug/l	98
7) Trichlorofluoromethane	1.725	101	24552	2.804	ug/l	95
8) Diethyl Ether	1.918	74	8712	2.859	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	14629	2.954	ug/l	96
10) Methyl Iodide	2.198	142	13702	2.181	ug/l	97
11) Tert butyl alcohol	2.571	59	10718	16.032	ug/l #	87
12) 1,1-Dichloroethene	2.079	96	12624	2.682	ug/l	97
13) Acrolein	2.015	56	3043m	18.229	ug/l	
14) Allyl chloride	2.355	41	18476	2.919	ug/l	95
15) Acrylonitrile	2.693	53	29414	12.578	ug/l	94
16) Acetone	2.124	43	25819	15.127	ug/l	98
17) Carbon Disulfide	2.253	76	32979	3.025	ug/l	97
18) Methyl Acetate	2.400	43	13507	2.321	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	38220	2.627	ug/l	98
20) Methylene Chloride	2.458	84	18038	3.198	ug/l	96
21) trans-1,2-Dichloroethene	2.706	96	12922	2.746	ug/l	87
22) Diisopropyl ether	3.214	45	34278	2.642	ug/l #	45
23) Vinyl Acetate	3.211	43	103203	11.030	ug/l #	93
24) 1,1-Dichloroethane	3.121	63	25649	2.932	ug/l	98
25) 2-Butanone	3.921	43	28533m	11.305	ug/l	
26) 2,2-Dichloropropane	3.818	77	22977	2.834	ug/l	100
27) cis-1,2-Dichloroethene	3.838	96	14682	2.677	ug/l	95
28) Bromochloromethane	4.166	49	11028	2.950	ug/l	97
29) Tetrahydrofuran	4.252	42	16596	9.709	ug/l #	71
30) Chloroform	4.288	83	27395	2.874	ug/l #	83
31) Cyclohexane	4.587	56	26458	3.819	ug/l #	50
32) 1,1,1-Trichloroethane	4.510	97	24466	2.766	ug/l	98
36) 1,1-Dichloropropene	4.757	75	13031	2.195	ug/l #	82
37) Ethyl Acetate	3.921	43	28916m	4.774	ug/l	
38) Carbon Tetrachloride	4.741	117	18753	2.400	ug/l	96
39) Methylcyclohexane	6.047	83	18812	2.424	ug/l	90
40) Benzene	5.024	78	51735	2.639	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038870.D
 Acq On : 07 Jul 2025 15:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 08 02:41:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.220	41	2540m	0.977	ug/l	
42) 1,2-Dichloroethane	5.053	62	20209	2.912	ug/l	97
43) Isopropyl Acetate	5.214	43	21509	2.226	ug/l #	77
44) Trichloroethene	5.844	130	13568	2.652	ug/l	94
45) 1,2-Dichloropropane	6.101	63	12467	2.533	ug/l	92
46) Dibromomethane	6.240	93	10253	2.641	ug/l	99
47) Bromodichloromethane	6.436	83	21564	2.623	ug/l	94
48) Methyl methacrylate	6.336	41	8537m	1.858	ug/l	
49) 1,4-Dioxane	6.313	88	3698m	58.065	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	68488	11.232	ug/l	94
52) Toluene	7.317	92	33973	2.774	ug/l	96
53) t-1,3-Dichloropropene	7.593	75	17489	2.222	ug/l	96
54) cis-1,3-Dichloropropene	6.963	75	19197	2.386	ug/l	97
55) 1,1,2-Trichloroethane	7.767	97	14691	2.743	ug/l	92
56) Ethyl methacrylate	7.731	69	13825	1.962	ug/l	96
57) 1,3-Dichloropropane	7.944	76	21941	2.601	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.825	63	37310	11.663	ug/l	94
59) 2-Hexanone	8.079	43	46085	10.715	ug/l	93
60) Dibromochloromethane	8.172	129	16684	2.474	ug/l	94
61) 1,2-Dibromoethane	8.288	107	13524	2.441	ug/l	95
64) Tetrachloroethene	7.902	164	12705	2.725	ug/l	97
65) Chlorobenzene	8.809	112	38874	2.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	14691	2.575	ug/l	96
67) Ethyl Benzene	8.944	91	55550	2.320	ug/l	96
68) m/p-Xylenes	9.069	106	40812	4.451	ug/l	99
69) o-Xylene	9.477	106	20065	2.290	ug/l	98
70) Styrene	9.500	104	30845	2.017	ug/l	97
71) Bromoform	9.661	173	12085	2.606	ug/l #	100
73) Isopropylbenzene	9.860	105	53472	2.498	ug/l	99
74) N-amyl acetate	9.741	43	15489	2.067	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.169	83	24238	3.123	ug/l	94
76) 1,2,3-Trichloropropane	10.204	75	15408	2.730	ug/l	80
77) Bromobenzene	10.149	156	16008	2.899	ug/l	93
78) n-propylbenzene	10.284	91	60996	2.394	ug/l	97
79) 2-Chlorotoluene	10.352	91	40986	2.649	ug/l	99
80) 1,3,5-Trimethylbenzene	10.471	105	43271	2.364	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.937	75	5653	2.132	ug/l	90
82) 4-Chlorotoluene	10.471	91	44501	2.495	ug/l	96
83) tert-Butylbenzene	10.789	119	45321	2.387	ug/l	99
84) 1,2,4-Trimethylbenzene	10.844	105	40807	2.275	ug/l	98
85) sec-Butylbenzene	11.014	105	55681	2.304	ug/l	99
86) p-Isopropyltoluene	11.172	119	46951	2.266	ug/l	97
87) 1,3-Dichlorobenzene	11.114	146	29458	2.624	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	33479	2.830	ug/l	89
89) n-Butylbenzene	11.583	91	41112	2.141	ug/l	98
90) Hexachloroethane	11.818	117	12088	2.688	ug/l	99
91) 1,2-Dichlorobenzene	11.577	146	29339	2.773	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.361	75	4665	2.839	ug/l	91
93) 1,2,4-Trichlorobenzene	13.191	180	14803	2.158	ug/l	98
94) Hexachlorobutadiene	13.371	225	7864	2.376	ug/l	96
95) Naphthalene	13.432	128	42479	1.947	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	15038	2.124	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
Data File : VV038870.D
Acq On : 07 Jul 2025 15:25
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Quant Time: Jul 08 02:41:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 02:37:09 2025
Response via : Initial Calibration

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

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

