

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038913.D
 Acq On : 16 Jul 2025 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 17 06:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	403474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	663961	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	650524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	403239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	232448	47.152	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.300%
35) Dibromofluoromethane	4.503	113	216166	47.752	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.500%
50) Toluene-d8	7.236	98	631461	46.148	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.300%
62) 4-Bromofluorobenzene	10.001	95	293790	53.298	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	143703	40.535	ug/l	100
3) Chloromethane	1.230	50	140792	36.777	ug/l	100
4) Vinyl Chloride	1.294	62	179825	41.041	ug/l	100
5) Bromomethane	1.487	94	135492	41.241	ug/l	97
6) Chloroethane	1.555	64	129760	44.307	ug/l	98
7) Trichlorofluoromethane	1.722	101	356667	46.006	ug/l	100
8) Diethyl Ether	1.918	74	137031	49.151	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	220136	47.488	ug/l	99
10) Methyl Iodide	2.195	142	254286	47.780	ug/l	99
11) Tert butyl alcohol	2.571	59	341033	300.481	ug/l	99
12) 1,1-Dichloroethene	2.082	96	184630	43.711	ug/l	99
13) Acrolein	2.011	56	41947	255.572	ug/l	99
14) Allyl chloride	2.359	41	334127	49.653	ug/l	97
15) Acrylonitrile	2.674	53	807381	277.989	ug/l	99
16) Acetone	2.117	43	657227	308.093	ug/l	99
17) Carbon Disulfide	2.249	76	285835	32.434	ug/l	99
18) Methyl Acetate	2.378	43	473076	65.546	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	841748	53.151	ug/l	99
20) Methylene Chloride	2.455	84	241646	44.652	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	196275	43.673	ug/l	97
22) Diisopropyl ether	3.217	45	761867	56.662	ug/l	94
23) Vinyl Acetate	3.188	43	2861172	271.384	ug/l	99
24) 1,1-Dichloroethane	3.117	63	447302	50.797	ug/l	99
25) 2-Butanone	3.866	43	963549	315.136	ug/l	99
26) 2,2-Dichloropropane	3.812	77	357451	46.364	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	261679	50.707	ug/l	99
28) Bromochloromethane	4.149	49	197244	57.870	ug/l	99
29) Tetrahydrofuran	4.239	42	614979	305.174	ug/l	97
30) Chloroform	4.278	83	499972	51.500	ug/l	100
31) Cyclohexane	4.584	56	253197	43.807	ug/l	95
32) 1,1,1-Trichloroethane	4.516	97	425178	50.195	ug/l	99
36) 1,1-Dichloropropene	4.744	75	252082	48.454	ug/l	99
37) Ethyl Acetate	3.979	43	348380	56.874	ug/l	99
38) Carbon Tetrachloride	4.735	117	328677	47.561	ug/l	97
39) Methylcyclohexane	6.050	83	272365	44.369	ug/l	98
40) Benzene	5.008	78	879254	49.854	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071625\
 Data File : VW038913.D
 Acq On : 16 Jul 2025 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 17 06:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	170136	60.520	ug/l	99
42) 1,2-Dichloroethane	5.040	62	342193	50.903	ug/l	100
43) Isopropyl Acetate	5.194	43	532689	54.987	ug/l	99
44) Trichloroethene	5.831	130	213981	46.431	ug/l	98
45) 1,2-Dichloropropane	6.091	63	251145	53.908	ug/l	99
46) Dibromomethane	6.227	93	182885	50.736	ug/l	99
47) Bromodichloromethane	6.426	83	408338	53.377	ug/l	100
48) Methyl methacrylate	6.297	41	254388	60.507	ug/l	99
49) 1,4-Dioxane	6.291	88	109376	1207.453	ug/l	100
51) 4-Methyl-2-Pentanone	7.149	43	2040967	309.406	ug/l	100
52) Toluene	7.310	92	586390	52.779	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	373425	53.947	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	393872	52.637	ug/l	99
55) 1,1,2-Trichloroethane	7.763	97	286873	54.019	ug/l	99
56) Ethyl methacrylate	7.715	69	397908	63.053	ug/l	99
57) 1,3-Dichloropropane	7.934	76	439250	55.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	1244530	326.785	ug/l	99
59) 2-Hexanone	8.066	43	1528648	311.308	ug/l	100
60) Dibromochloromethane	8.169	129	336464	53.801	ug/l	98
61) 1,2-Dibromoethane	8.275	107	280752	52.476	ug/l	97
64) Tetrachloroethene	7.899	164	192312	45.076	ug/l	95
65) Chlorobenzene	8.805	112	701902	49.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	283607	50.032	ug/l	100
67) Ethyl Benzene	8.937	91	1146358	54.314	ug/l	100
68) m/p-Xylenes	9.062	106	914505	111.289	ug/l	99
69) o-Xylene	9.471	106	435769	56.185	ug/l	97
70) Styrene	9.487	104	813633	59.355	ug/l	99
71) Bromoform	9.654	173	243308	52.806	ug/l #	98
73) Isopropylbenzene	9.857	105	1262922	52.416	ug/l	99
74) N-amyl acetate	9.725	43	488849	55.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	498231	49.369	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	368887	49.203	ug/l	81
77) Bromobenzene	10.143	156	306765	48.536	ug/l	99
78) n-propylbenzene	10.278	91	1492678	53.007	ug/l	100
79) 2-Chlorotoluene	10.349	91	903760	50.465	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1085695	53.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	157880	51.389	ug/l	94
82) 4-Chlorotoluene	10.464	91	1069070	53.403	ug/l	99
83) tert-Butylbenzene	10.789	119	1116444	52.409	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1095692	54.804	ug/l	99
85) sec-Butylbenzene	11.014	105	1454035	53.479	ug/l	100
86) p-Isopropyltoluene	11.168	119	1229571	53.266	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	625804	48.509	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	644467	45.924	ug/l	99
89) n-Butylbenzene	11.580	91	1153906	54.757	ug/l	99
90) Hexachloroethane	11.821	117	260148	47.383	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	611552	48.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	112194	49.171	ug/l	95
93) 1,2,4-Trichlorobenzene	13.184	180	394958	53.427	ug/l	99
94) Hexachlorobutadiene	13.371	225	183839	48.291	ug/l	99
95) Naphthalene	13.426	128	1444849	59.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	417730	54.517	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
Data File : VV038913.D
Acq On : 16 Jul 2025 17:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 17 06:22:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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

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

