

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039378.D
 Acq On : 13 Nov 2025 12:46
 Operator : SY/MD
 Sample : VV1113WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1113WBS01

Quant Time: Nov 14 05:45:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	821840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1165876	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1121657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	691832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	505121	49.820	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.640%
35) Dibromofluoromethane	4.500	113	444658	49.726	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.460%
50) Toluene-d8	7.233	98	1441021	48.766	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	9.998	95	574423	50.590	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	101.180%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.121	85	82292	16.773	ug/l 96
3) Chloromethane	1.230	50	81359	17.771	ug/l 96
4) Vinyl Chloride	1.298	62	100343	17.763	ug/l 97
5) Bromomethane	1.497	94	68167	20.268	ug/l 91
6) Chloroethane	1.561	64	80158	19.219	ug/l 98
7) Trichlorofluoromethane	1.725	101	206094	17.915	ug/l 98
8) Diethyl Ether	1.918	74	83471	19.026	ug/l 97
9) 1,1,2-Trichlorotrifluo...	2.082	101	138086	18.256	ug/l 99
10) Methyl Iodide	2.195	142	98532	21.153	ug/l 98
11) Tert butyl alcohol	2.561	59	161329	148.531	ug/l 99
12) 1,1-Dichloroethene	2.079	96	107411	17.954	ug/l 97
13) Acrolein	2.011	56	9604	115.699	ug/l 99
14) Allyl chloride	2.359	41	216447	20.305	ug/l 96
15) Acrylonitrile	2.674	53	467317	110.851	ug/l 97
16) Acetone	2.118	43	510519	116.386	ug/l 97
17) Carbon Disulfide	2.253	76	151899	18.475	ug/l 97
18) Methyl Acetate	2.378	43	373701	26.022	ug/l 99
19) Methyl tert-butyl Ether	2.709	73	480487	21.360	ug/l 97
20) Methylene Chloride	2.455	84	147049	20.761	ug/l 100
21) trans-1,2-Dichloroethene	2.703	96	109181	18.400	ug/l 99
22) Diisopropyl ether	3.211	45	511574	22.089	ug/l 80
23) Vinyl Acetate	3.192	43	1687942	103.188	ug/l 99
24) 1,1-Dichloroethane	3.118	63	275544	19.566	ug/l 97
25) 2-Butanone	3.864	43	622638	111.242	ug/l 99
26) 2,2-Dichloropropane	3.809	77	236389	19.957	ug/l 99
27) cis-1,2-Dichloroethene	3.822	96	159628	19.809	ug/l 99
28) Bromochloromethane	4.146	49	122843	19.945	ug/l 100
29) Tetrahydrofuran	4.233	42	369129	117.814	ug/l 97
30) Chloroform	4.278	83	310044	19.933	ug/l 99
31) Cyclohexane	4.584	56	161047	18.270	ug/l 94
32) 1,1,1-Trichloroethane	4.513	97	260317	20.013	ug/l 99
36) 1,1-Dichloropropene	4.748	75	153057	19.872	ug/l 99
37) Ethyl Acetate	3.982	43	208458	17.618	ug/l 96
38) Carbon Tetrachloride	4.732	117	219264	19.165	ug/l 97
39) Methylcyclohexane	6.047	83	146772	17.899	ug/l 99
40) Benzene	5.011	78	520339	19.319	ug/l 99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	95092	22.505	ug/l	99
42) 1,2-Dichloroethane	5.040	62	211683	20.168	ug/l	98
43) Isopropyl Acetate	5.191	43	334765	21.238	ug/l	99
44) Trichloroethene	5.835	130	139460	19.082	ug/l	98
45) 1,2-Dichloropropane	6.088	63	151859	20.838	ug/l	96
46) Dibromomethane	6.227	93	112658	19.224	ug/l	98
47) Bromodichloromethane	6.426	83	250765	19.758	ug/l	99
48) Methyl methacrylate	6.298	41	147477	20.089	ug/l	97
49) 1,4-Dioxane	6.291	88	44210	390.995	ug/l #	90
51) 4-Methyl-2-Pentanone	7.143	43	1312426	121.805	ug/l	97
52) Toluene	7.307	92	342286	20.280	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	228851	20.958	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	246027	21.222	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	176543	20.659	ug/l	97
56) Ethyl methacrylate	7.715	69	216585	20.991	ug/l	99
57) 1,3-Dichloropropane	7.934	76	264816	20.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	618690	210.861	ug/l	99
59) 2-Hexanone	8.063	43	945567	122.790	ug/l	99
60) Dibromochloromethane	8.166	129	216874	19.806	ug/l	100
61) 1,2-Dibromoethane	8.275	107	172133	20.666	ug/l	100
64) Tetrachloroethene	7.896	164	131851	19.020	ug/l	97
65) Chlorobenzene	8.802	112	436626	19.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	185131	19.871	ug/l	99
67) Ethyl Benzene	8.937	91	630103	19.510	ug/l	99
68) m/p-Xylenes	9.063	106	508939	41.727	ug/l	98
69) o-Xylene	9.468	106	234726	20.341	ug/l	99
70) Styrene	9.487	104	433287	21.004	ug/l	99
71) Bromoform	9.654	173	177153	20.483	ug/l	99
73) Isopropylbenzene	9.854	105	690087	20.428	ug/l	99
74) N-amyl acetate	9.725	43	273620	20.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	295437	20.079	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	215239	20.044	ug/l	99
77) Bromobenzene	10.140	156	205580	19.716	ug/l	99
78) n-propylbenzene	10.278	91	800096	20.674	ug/l	99
79) 2-Chlorotoluene	10.346	91	513212	20.717	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	583281	21.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	86229	21.526	ug/l	99
82) 4-Chlorotoluene	10.461	91	592895	21.408	ug/l	99
83) tert-Butylbenzene	10.789	119	613090	20.194	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	580109	21.562	ug/l	99
85) sec-Butylbenzene	11.011	105	765942	21.276	ug/l	98
86) p-Isopropyltoluene	11.165	119	660072	21.249	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	399685	19.985	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	419781	19.251	ug/l	99
89) n-Butylbenzene	11.580	91	582270	21.020	ug/l	98
90) Hexachloroethane	11.818	117	147247	19.020	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	386056	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	61027	20.175	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	260434	20.973	ug/l	99
94) Hexachlorobutadiene	13.368	225	139071	20.997	ug/l	99
95) Naphthalene	13.426	128	713180	21.430	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	268765	20.980	ug/l	99

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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

