

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039331.D
 Acq On : 05 Nov 2025 12:55
 Operator : SY/MD
 Sample : VV1105WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1105WBS01

Quant Time: Nov 06 00:12:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	708659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1110235	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1080434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	614058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	514415	51.086	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.180%	
35) Dibromofluoromethane	4.500	113	456250	52.156	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.320%	
50) Toluene-d8	7.233	98	1613297	54.211	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	9.998	95	582338	54.945	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 109.880%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	151845	16.953	ug/l	98
3) Chloromethane	1.230	50	165321	17.728	ug/l	99
4) Vinyl Chloride	1.298	62	192110	18.058	ug/l	100
5) Bromomethane	1.500	94	120166	17.409	ug/l	99
6) Chloroethane	1.561	64	130509	20.911	ug/l	97
7) Trichlorofluoromethane	1.729	101	305780	18.814	ug/l	98
8) Diethyl Ether	1.918	74	107151	18.244	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	187255	19.242	ug/l	99
10) Methyl Iodide	2.198	142	146915	17.522	ug/l	99
11) Tert butyl alcohol	2.561	59	157784	80.854	ug/l	99
12) 1,1-Dichloroethene	2.082	96	174560	18.268	ug/l	98
13) Acrolein	2.011	56	57251	45.044	ug/l	97
14) Allyl chloride	2.359	41	277096	18.293	ug/l	99
15) Acrylonitrile	2.674	53	507942	87.770	ug/l	99
16) Acetone	2.118	43	503726	101.543	ug/l	100
17) Carbon Disulfide	2.256	76	493771	18.295	ug/l	99
18) Methyl Acetate	2.378	43	213694	16.377	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	541798	18.838	ug/l	99
20) Methylene Chloride	2.458	84	199081	20.991	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	187193	18.606	ug/l	100
22) Diisopropyl ether	3.214	45	556242	20.453	ug/l	84
23) Vinyl Acetate	3.188	43	2368390	99.199	ug/l	100
24) 1,1-Dichloroethane	3.118	63	341031	18.718	ug/l	99
25) 2-Butanone	3.863	43	583217	94.706	ug/l	98
26) 2,2-Dichloropropane	3.809	77	281507	19.183	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	196769	19.533	ug/l	99
28) Bromochloromethane	4.146	49	150455	19.369	ug/l	98
29) Tetrahydrofuran	4.236	42	360292	91.504	ug/l	98
30) Chloroform	4.278	83	357431	19.237	ug/l	96
31) Cyclohexane	4.584	56	263859	19.883	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	313414	19.293	ug/l	99
36) 1,1-Dichloropropene	4.744	75	216998	19.750	ug/l	99
37) Ethyl Acetate	3.976	43	223250	17.356	ug/l	98
38) Carbon Tetrachloride	4.735	117	262131	19.582	ug/l	98
39) Methylcyclohexane	6.047	83	247722	19.727	ug/l	98
40) Benzene	5.008	78	720093	20.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	92536	17.943	ug/l	93
42) 1,2-Dichloroethane	5.040	62	236736	19.132	ug/l	99
43) Isopropyl Acetate	5.191	43	336423	19.977	ug/l	99
44) Trichloroethene	5.831	130	176863	19.948	ug/l	98
45) 1,2-Dichloropropane	6.088	63	177521	20.692	ug/l	98
46) Dibromomethane	6.227	93	133875	18.669	ug/l	95
47) Bromodichloromethane	6.426	83	280100	19.824	ug/l	99
48) Methyl methacrylate	6.297	41	145594	18.662	ug/l	97
49) 1,4-Dioxane	6.291	88	45801	352.907	ug/l	98
51) 4-Methyl-2-Pentanone	7.146	43	1188077	101.690	ug/l	97
52) Toluene	7.307	92	457126	21.474	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	249007	20.165	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	284815	20.746	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	189312	19.695	ug/l	96
56) Ethyl methacrylate	7.715	69	220114	20.212	ug/l	98
57) 1,3-Dichloropropane	7.934	76	300599	20.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	652369	104.109	ug/l	99
59) 2-Hexanone	8.063	43	869269	101.345	ug/l	98
60) Dibromochloromethane	8.166	129	224872	20.008	ug/l	100
61) 1,2-Dibromoethane	8.272	107	201175	20.100	ug/l	99
64) Tetrachloroethene	7.895	164	158158	20.067	ug/l	98
65) Chlorobenzene	8.802	112	511152	19.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	186905	19.509	ug/l	99
67) Ethyl Benzene	8.937	91	767565	20.373	ug/l	100
68) m/p-Xylenes	9.063	106	648604	43.405	ug/l	99
69) o-Xylene	9.468	106	274321	20.788	ug/l	97
70) Styrene	9.484	104	514861	21.927	ug/l	100
71) Bromoform	9.654	173	152324	19.660	ug/l	97
73) Isopropylbenzene	9.854	105	786898	21.103	ug/l	100
74) N-amyl acetate	9.725	43	285486	18.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	307266	17.943	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	223589	18.243	ug/l	94
77) Bromobenzene	10.140	156	207464	20.239	ug/l	99
78) n-propylbenzene	10.275	91	949310	20.981	ug/l	100
79) 2-Chlorotoluene	10.346	91	585997	20.978	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	676780	21.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	91871	18.931	ug/l	98
82) 4-Chlorotoluene	10.461	91	690470	21.504	ug/l	99
83) tert-Butylbenzene	10.789	119	624594	20.114	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	670688	21.785	ug/l	100
85) sec-Butylbenzene	11.011	105	823564	20.976	ug/l	100
86) p-Isopropyltoluene	11.165	119	711111	21.065	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	408042	19.957	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	445782	19.482	ug/l	99
89) n-Butylbenzene	11.580	91	631556	20.089	ug/l	98
90) Hexachloroethane	11.818	117	156038	18.693	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	373670	19.212	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	60189	17.094	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	211096	19.460	ug/l	99
94) Hexachlorobutadiene	13.368	225	100027	18.211	ug/l	100
95) Naphthalene	13.426	128	657231	18.493	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	220351	19.545	ug/l	99

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

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