

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038939.D
 Acq On : 11 Aug 2025 11:54
 Operator : SY/MD
 Sample : VV0811WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBSD01

Quant Time: Aug 12 01:45:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	453800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	751492	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	736355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	417972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	352941	54.081	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 108.160%	
35) Dibromofluoromethane	4.503	113	281983	49.461	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 98.920%	
50) Toluene-d8	7.236	98	985498	49.911	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	10.001	95	361653	50.858	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 101.720%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	58283	19.089	ug/l	98
3) Chloromethane	1.230	50	56560	19.415	ug/l	99
4) Vinyl Chloride	1.294	62	69787	19.496	ug/l	98
5) Bromomethane	1.497	94	61081	21.768	ug/l	98
6) Chloroethane	1.561	64	52126	20.245	ug/l	95
7) Trichlorofluoromethane	1.725	101	137606	19.411	ug/l	100
8) Diethyl Ether	1.918	74	57632	21.802	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	64117	14.159	ug/l	97
10) Methyl Iodide	2.198	142	79919	18.523	ug/l	99
11) Tert butyl alcohol	2.568	59	130778	118.485	ug/l	99
12) 1,1-Dichloroethene	2.082	96	54931	14.637	ug/l	98
13) Acrolein	2.011	56	66220	77.953	ug/l	94
14) Allyl chloride	2.359	41	135889	20.705	ug/l	96
15) Acrylonitrile	2.674	53	329151	112.956	ug/l	98
16) Acetone	2.121	43	208617	89.052	ug/l	98
17) Carbon Disulfide	2.252	76	103093	17.011	ug/l	97
18) Methyl Acetate	2.381	43	234079	27.867	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	341675	22.126	ug/l	100
20) Methylene Chloride	2.455	84	101952	18.913	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	76609	18.780	ug/l	99
22) Diisopropyl ether	3.217	45	300021	22.606	ug/l	86
23) Vinyl Acetate	3.191	43	1118798	113.479	ug/l	98
24) 1,1-Dichloroethane	3.117	63	175300	20.595	ug/l	99
25) 2-Butanone	3.873	43	371025	124.826	ug/l	95
26) 2,2-Dichloropropane	3.812	77	139834	18.541	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	101129	20.675	ug/l	99
28) Bromochloromethane	4.149	49	55778	19.508	ug/l	95
29) Tetrahydrofuran	4.239	42	233774	120.127	ug/l	98
30) Chloroform	4.281	83	195778	21.139	ug/l	95
31) Cyclohexane	4.587	56	100444	19.158	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	162663	20.421	ug/l	98
36) 1,1-Dichloropropene	4.748	75	93020	18.351	ug/l	98
37) Ethyl Acetate	3.986	43	136099	20.266	ug/l	96
38) Carbon Tetrachloride	4.735	117	126379	18.876	ug/l	96
39) Methylcyclohexane	6.047	83	98631	17.928	ug/l	98
40) Benzene	5.011	78	343173	20.475	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	61688	22.714	ug/l	95
42) 1,2-Dichloroethane	5.043	62	141416	21.761	ug/l	99
43) Isopropyl Acetate	5.198	43	203696	21.832	ug/l	98
44) Trichloroethene	5.834	130	86749	19.421	ug/l	89
45) 1,2-Dichloropropane	6.095	63	94054	20.136	ug/l	98
46) Dibromomethane	6.230	93	75202	21.749	ug/l	98
47) Bromodichloromethane	6.429	83	159476	20.759	ug/l	98
48) Methyl methacrylate	6.304	41	91559	22.162	ug/l	99
49) 1,4-Dioxane	6.291	88	37092	430.760	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	787746	121.889	ug/l	97
52) Toluene	7.310	92	223329	21.148	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	144200	21.457	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	153440	20.913	ug/l	98
55) 1,1,2-Trichloroethane	7.763	97	110379	21.360	ug/l	98
56) Ethyl methacrylate	7.718	69	137644	22.738	ug/l	96
57) 1,3-Dichloropropane	7.937	76	170565	21.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	320834	105.808	ug/l	99
59) 2-Hexanone	8.066	43	567465	121.644	ug/l	99
60) Dibromochloromethane	8.169	129	134795	21.302	ug/l	100
61) 1,2-Dibromoethane	8.278	107	114502	22.320	ug/l	100
64) Tetrachloroethene	7.899	164	83901	19.414	ug/l	98
65) Chlorobenzene	8.805	112	276572	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	110855	19.580	ug/l	98
67) Ethyl Benzene	8.937	91	399414	18.891	ug/l	99
68) m/p-Xylenes	9.062	106	323879	39.748	ug/l	100
69) o-Xylene	9.471	106	150329	19.620	ug/l	98
70) Styrene	9.487	104	280463	20.331	ug/l	98
71) Bromoform	9.654	173	96826	20.351	ug/l #	100
73) Isopropylbenzene	9.857	105	427490	19.595	ug/l	99
74) N-amyl acetate	9.725	43	167430	21.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	194993	20.904	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	138930	20.344	ug/l	97
77) Bromobenzene	10.143	156	117690	20.096	ug/l	99
78) n-propylbenzene	10.278	91	512106	19.898	ug/l	99
79) 2-Chlorotoluene	10.349	91	321944	20.380	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	370325	20.119	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	55426	20.320	ug/l	96
82) 4-Chlorotoluene	10.464	91	373964	20.242	ug/l	98
83) tert-Butylbenzene	10.789	119	361704	18.446	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	361329	19.779	ug/l	100
85) sec-Butylbenzene	11.014	105	471398	19.026	ug/l	100
86) p-Isopropyltoluene	11.168	119	407680	18.888	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	234813	19.181	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	247767	18.602	ug/l	99
89) n-Butylbenzene	11.580	91	370282	18.557	ug/l	98
90) Hexachloroethane	11.821	117	90012	17.679	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	224832	19.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	41252	20.327	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	136319	18.677	ug/l	98
94) Hexachlorobutadiene	13.368	225	64396	16.697	ug/l	99
95) Naphthalene	13.426	128	447551	19.542	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	143065	19.154	ug/l	100

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

