

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038906.D
 Acq On : 16 Jul 2025 14:07
 Operator : SY/MD
 Sample : VV0716WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBSD01

Quant Time: Jul 17 06:15:56 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	4.597	168	417259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	677705	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	654096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	375744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	243039	47.672	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	95.340%
35) Dibromofluoromethane	4.497	113	223777	48.430	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.860%
50) Toluene-d8	7.236	98	635487	45.500	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.000%
62) 4-Bromofluorobenzene	10.001	95	278662	49.528	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	99.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	63867	17.420	ug/l	98
3) Chloromethane	1.227	50	66631	16.830	ug/l	94
4) Vinyl Chloride	1.294	62	81675	18.024	ug/l	97
5) Bromomethane	1.494	94	63511	18.693	ug/l	97
6) Chloroethane	1.558	64	57834	19.095	ug/l	98
7) Trichlorofluoromethane	1.722	101	154933	19.324	ug/l	99
8) Diethyl Ether	1.918	74	61730	21.410	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	95659	19.954	ug/l	100
10) Methyl Iodide	2.195	142	100572	18.273	ug/l	99
11) Tert butyl alcohol	2.568	59	146456	124.778	ug/l	100
12) 1,1-Dichloroethene	2.079	96	83197	19.046	ug/l	96
13) Acrolein	2.008	56	17043	100.408	ug/l	96
14) Allyl chloride	2.355	41	148347	21.317	ug/l	97
15) Acrylonitrile	2.674	53	343932	114.507	ug/l	99
16) Acetone	2.118	43	271722	123.169	ug/l	97
17) Carbon Disulfide	2.249	76	126826	13.916	ug/l	99
18) Methyl Acetate	2.378	43	196705	26.354	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	359338	21.940	ug/l	98
20) Methylene Chloride	2.452	84	108786	19.438	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	81924	17.627	ug/l	96
22) Diisopropyl ether	3.214	45	325668	23.420	ug/l	98
23) Vinyl Acetate	3.188	43	1226281	112.471	ug/l	98
24) 1,1-Dichloroethane	3.114	63	195837	21.505	ug/l	100
25) 2-Butanone	3.867	43	387735	122.622	ug/l	98
26) 2,2-Dichloropropane	3.806	77	172051	21.579	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	110170	20.643	ug/l	97
28) Bromochloromethane	4.146	49	82768	23.481	ug/l	97
29) Tetrahydrofuran	4.236	42	247730	118.871	ug/l	96
30) Chloroform	4.278	83	213067	21.222	ug/l	98
31) Cyclohexane	4.577	56	111321	18.624	ug/l	91
32) 1,1,1-Trichloroethane	4.513	97	181965	20.772	ug/l	98
36) 1,1-Dichloropropene	4.744	75	108536	20.439	ug/l	98
37) Ethyl Acetate	3.982	43	146568	23.443	ug/l	98
38) Carbon Tetrachloride	4.732	117	141700	20.089	ug/l	97
39) Methylcyclohexane	6.043	83	113787	18.160	ug/l	98
40) Benzene	5.008	78	375453	20.857	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	66054	23.020	ug/l	98
42) 1,2-Dichloroethane	5.040	62	144064	20.996	ug/l	100
43) Isopropyl Acetate	5.195	43	215873	21.832	ug/l	99
44) Trichloroethene	5.831	130	92555	19.676	ug/l	97
45) 1,2-Dichloropropane	6.092	63	104759	22.030	ug/l	94
46) Dibromomethane	6.227	93	76608	20.822	ug/l	99
47) Bromodichloromethane	6.426	83	173273	22.191	ug/l	98
48) Methyl methacrylate	6.301	41	93845	21.869	ug/l	98
49) 1,4-Dioxane	6.291	88	44112	477.097	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	837017	124.317	ug/l	99
52) Toluene	7.310	92	244424	21.554	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	152311	21.557	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	167962	21.991	ug/l	95
55) 1,1,2-Trichloroethane	7.760	97	116681	21.526	ug/l	95
56) Ethyl methacrylate	7.719	69	148794	23.100	ug/l	99
57) 1,3-Dichloropropane	7.937	76	182522	22.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.812	63	478084	122.988	ug/l	98
59) 2-Hexanone	8.066	43	596819	119.077	ug/l	100
60) Dibromochloromethane	8.166	129	140954	22.082	ug/l	97
61) 1,2-Dibromoethane	8.275	107	117808	21.573	ug/l	97
64) Tetrachloroethene	7.899	164	82248	19.173	ug/l	96
65) Chlorobenzene	8.805	112	293871	20.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	118296	20.755	ug/l	99
67) Ethyl Benzene	8.937	91	443449	20.896	ug/l	99
68) m/p-Xylenes	9.063	106	347818	42.096	ug/l	97
69) o-Xylene	9.468	106	164413	21.083	ug/l	99
70) Styrene	9.487	104	307354	22.299	ug/l	98
71) Bromoform	9.654	173	99170	21.406	ug/l #	96
73) Isopropylbenzene	9.857	105	485110	21.607	ug/l	100
74) N-amyl acetate	9.725	43	183607	22.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	210461	22.380	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	146404	20.957	ug/l	78
77) Bromobenzene	10.143	156	122382	20.780	ug/l	98
78) n-propylbenzene	10.278	91	561298	21.391	ug/l	100
79) 2-Chlorotoluene	10.349	91	355096	21.279	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	416586	22.003	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	62728	21.912	ug/l	99
82) 4-Chlorotoluene	10.464	91	412654	22.122	ug/l	99
83) tert-Butylbenzene	10.789	119	416553	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	404358	21.705	ug/l	100
85) sec-Butylbenzene	11.014	105	545683	21.539	ug/l	99
86) p-Isopropyltoluene	11.169	119	462023	21.480	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	251489	20.921	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	263405	20.143	ug/l	98
89) n-Butylbenzene	11.580	91	427067	21.749	ug/l	98
90) Hexachloroethane	11.821	117	102365	20.009	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	240091	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	45669	21.480	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	148167	21.510	ug/l	99
94) Hexachlorobutadiene	13.371	225	70841	19.970	ug/l	96
95) Naphthalene	13.426	128	490443	21.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	156550	21.926	ug/l	99

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

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