

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038894.D
 Acq On : 15 Jul 2025 10:55
 Operator : SY/MD
 Sample : VV0715WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBSD01

Quant Time: Jul 16 01:24:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	411648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	665600	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	644209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	379299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	250999	49.904	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	99.800%
35) Dibromofluoromethane	4.500	113	228964	50.454	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.900%
50) Toluene-d8	7.236	98	677328	49.378	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	10.001	95	297145	53.774	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	107.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	65200	18.026	ug/l	95
3) Chloromethane	1.230	50	64151	16.424	ug/l	96
4) Vinyl Chloride	1.294	62	76861	17.193	ug/l	99
5) Bromomethane	1.494	94	63109	18.828	ug/l	100
6) Chloroethane	1.558	64	54302	18.173	ug/l	90
7) Trichlorofluoromethane	1.725	101	145936	18.450	ug/l	98
8) Diethyl Ether	1.918	74	56725	19.943	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.082	101	89966	19.022	ug/l	98
10) Methyl Iodide	2.198	142	92885	17.106	ug/l	98
11) Tert butyl alcohol	2.568	59	128288	110.789	ug/l	99
12) 1,1-Dichloroethene	2.082	96	76634	17.783	ug/l	98
13) Acrolein	2.011	56	20262	121.000	ug/l	98
14) Allyl chloride	2.359	41	136842	19.932	ug/l	97
15) Acrylonitrile	2.674	53	325182	109.740	ug/l	98
16) Acetone	2.117	43	256081	117.661	ug/l	100
17) Carbon Disulfide	2.252	76	125580	13.967	ug/l	96
18) Methyl Acetate	2.378	43	175951	23.894	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	337149	20.866	ug/l	97
20) Methylene Chloride	2.455	84	104090	18.852	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	81642	17.805	ug/l	98
22) Diisopropyl ether	3.214	45	302219	22.030	ug/l	87
23) Vinyl Acetate	3.191	43	1159961	107.838	ug/l	98
24) 1,1-Dichloroethane	3.117	63	181340	20.184	ug/l	98
25) 2-Butanone	3.866	43	355616	113.997	ug/l	97
26) 2,2-Dichloropropane	3.812	77	160352	20.386	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	105502	20.038	ug/l	97
28) Bromochloromethane	4.146	49	79644	22.903	ug/l	98
29) Tetrahydrofuran	4.239	42	235312	114.451	ug/l	96
30) Chloroform	4.278	83	205248	20.722	ug/l	99
31) Cyclohexane	4.584	56	107491	18.228	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	167538	19.386	ug/l	99
36) 1,1-Dichloropropene	4.747	75	100553	19.280	ug/l	98
37) Ethyl Acetate	3.982	43	136797	22.278	ug/l	98
38) Carbon Tetrachloride	4.731	117	131852	19.033	ug/l	95
39) Methylcyclohexane	6.046	83	108567	17.642	ug/l	99
40) Benzene	5.011	78	354287	20.039	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	58443	20.738	ug/l	98
42) 1,2-Dichloroethane	5.043	62	141802	21.042	ug/l	99
43) Isopropyl Acetate	5.194	43	203808	20.986	ug/l	98
44) Trichloroethene	5.834	130	88598	19.177	ug/l	95
45) 1,2-Dichloropropane	6.091	63	95893	20.532	ug/l	98
46) Dibromomethane	6.230	93	74013	20.482	ug/l	99
47) Bromodichloromethane	6.429	83	164419	21.440	ug/l	99
48) Methyl methacrylate	6.301	41	87716	20.812	ug/l	98
49) 1,4-Dioxane	6.291	88	40194	442.628	ug/l	96
51) 4-Methyl-2-Pentanone	7.149	43	767607	116.081	ug/l	98
52) Toluene	7.310	92	232081	20.837	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	146701	21.141	ug/l	95
54) cis-1,3-Dichloropropene	6.953	75	158973	21.193	ug/l	98
55) 1,1,2-Trichloroethane	7.763	97	112892	21.206	ug/l	98
56) Ethyl methacrylate	7.718	69	140018	22.133	ug/l	97
57) 1,3-Dichloropropane	7.937	76	174004	21.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	467174	122.367	ug/l	99
59) 2-Hexanone	8.066	43	554034	112.551	ug/l	99
60) Dibromochloromethane	8.169	129	133676	21.322	ug/l	99
61) 1,2-Dibromoethane	8.278	107	113680	21.196	ug/l	99
64) Tetrachloroethene	7.899	164	76216	18.039	ug/l	97
65) Chlorobenzene	8.805	112	276937	19.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	111976	19.948	ug/l	98
67) Ethyl Benzene	8.937	91	425775	20.371	ug/l	98
68) m/p-Xylenes	9.062	106	339916	41.771	ug/l	100
69) o-Xylene	9.471	106	155603	20.259	ug/l	98
70) Styrene	9.487	104	286377	21.096	ug/l	99
71) Bromoform	9.654	173	98022	21.483	ug/l #	97
73) Isopropylbenzene	9.857	105	460780	20.331	ug/l	100
74) N-amyl acetate	9.725	43	175811	21.177	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	202230	21.303	ug/l	96
76) 1,2,3-Trichloropropane	10.197	75	137903	19.555	ug/l	79
77) Bromobenzene	10.143	156	121359	20.413	ug/l	100
78) n-propylbenzene	10.278	91	541271	20.434	ug/l	100
79) 2-Chlorotoluene	10.349	91	341990	20.302	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	390109	20.411	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	60059	20.783	ug/l	98
82) 4-Chlorotoluene	10.464	91	386417	20.521	ug/l	100
83) tert-Butylbenzene	10.789	119	399315	19.928	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	389870	20.731	ug/l	99
85) sec-Butylbenzene	11.011	105	519161	20.300	ug/l	100
86) p-Isopropyltoluene	11.168	119	437089	20.130	ug/l	100
87) 1,3-Dichlorobenzene	11.107	146	243986	20.106	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	259307	19.644	ug/l	99
89) n-Butylbenzene	11.580	91	407974	20.582	ug/l	98
90) Hexachloroethane	11.821	117	97845	18.946	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	237181	20.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	43151	20.106	ug/l	98
93) 1,2,4-Trichlorobenzene	13.184	180	142383	20.476	ug/l	99
94) Hexachlorobutadiene	13.368	225	69946	19.533	ug/l	99
95) Naphthalene	13.426	128	477641	20.907	ug/l	99
96) 1,2,3-Trichlorobenzene	13.664	180	151429	21.010	ug/l	98

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

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