

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038919.D
 Acq On : 18 Jul 2025 14:09
 Operator : SY/MD
 Sample : VV0718WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBSD01

Quant Time: Jul 19 00:42:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	556223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	927852	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	864724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	470411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	340592	50.116	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.240%	
35) Dibromofluoromethane	4.497	113	318296	50.315	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.620%	
50) Toluene-d8	7.236	98	872788	45.643	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 91.280%	
62) 4-Bromofluorobenzene	10.001	95	415060	53.883	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 107.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	98612	20.177	ug/l	99
3) Chloromethane	1.230	50	98445	18.653	ug/l	99
4) Vinyl Chloride	1.294	62	113575	18.802	ug/l	98
5) Bromomethane	1.494	94	88479	21.729	ug/l	94
6) Chloroethane	1.558	64	77666	19.237	ug/l	100
7) Trichlorofluoromethane	1.725	101	196777	18.412	ug/l	98
8) Diethyl Ether	1.918	74	75032	19.522	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	116669	18.256	ug/l	96
10) Methyl Iodide	2.195	142	132963	18.123	ug/l	100
11) Tert butyl alcohol	2.567	59	149287	95.413	ug/l	100
12) 1,1-Dichloroethene	2.082	96	105304	18.084	ug/l	96
13) Acrolein	2.011	56	18408	81.355	ug/l	96
14) Allyl chloride	2.359	41	179201	19.317	ug/l	97
15) Acrylonitrile	2.674	53	382436	95.516	ug/l	100
16) Acetone	2.117	43	309638	105.290	ug/l	99
17) Carbon Disulfide	2.252	76	226861	23.117	ug/l	98
18) Methyl Acetate	2.378	43	226915	22.806	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	410857	18.819	ug/l	98
20) Methylene Chloride	2.455	84	135047	18.101	ug/l	97
21) trans-1,2-Dichloroethene	2.699	96	113532	18.325	ug/l	94
22) Diisopropyl ether	3.214	45	386705	20.862	ug/l	93
23) Vinyl Acetate	3.188	43	1499928	103.199	ug/l	98
24) 1,1-Dichloroethane	3.117	63	225669	18.590	ug/l	99
25) 2-Butanone	3.866	43	445245	105.631	ug/l	97
26) 2,2-Dichloropropane	3.809	77	190885	17.960	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	138361	19.448	ug/l	99
28) Bromochloromethane	4.146	49	99606	21.198	ug/l	96
29) Tetrahydrofuran	4.236	42	293916	105.798	ug/l	96
30) Chloroform	4.278	83	241855	18.071	ug/l	97
31) Cyclohexane	4.583	56	168695	21.172	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	210206	18.001	ug/l	99
36) 1,1-Dichloropropene	4.744	75	140243	19.290	ug/l	98
37) Ethyl Acetate	3.979	43	172145	20.110	ug/l	98
38) Carbon Tetrachloride	4.735	117	168532	17.451	ug/l	97
39) Methylcyclohexane	6.046	83	168754	19.672	ug/l	99
40) Benzene	5.008	78	475027	19.274	ug/l	100

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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	72014	18.331	ug/l	94
42) 1,2-Dichloroethane	5.040	62	172287	18.339	ug/l	99
43) Isopropyl Acetate	5.194	43	261684	19.330	ug/l	99
44) Trichloroethene	5.831	130	117429	18.234	ug/l	91
45) 1,2-Dichloropropane	6.091	63	121804	18.709	ug/l	99
46) Dibromomethane	6.227	93	92392	18.342	ug/l	100
47) Bromodichloromethane	6.426	83	192679	18.023	ug/l	99
48) Methyl methacrylate	6.300	41	114426	19.476	ug/l	98
49) 1,4-Dioxane	6.291	88	47585	375.908	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	933255	101.241	ug/l	97
52) Toluene	7.310	92	305636	19.685	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	188088	19.444	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	198870	19.018	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	131437	17.711	ug/l	98
56) Ethyl methacrylate	7.718	69	178587	20.251	ug/l	99
57) 1,3-Dichloropropane	7.934	76	213707	19.205	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.812	63	521259	86.634	ug/l	98
59) 2-Hexanone	8.066	43	669608	97.581	ug/l	100
60) Dibromochloromethane	8.169	129	152446	17.444	ug/l	99
61) 1,2-Dibromoethane	8.275	107	139967	18.721	ug/l	94
64) Tetrachloroethene	7.898	164	106265	18.738	ug/l	99
65) Chlorobenzene	8.805	112	351407	18.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	127024	16.858	ug/l	99
67) Ethyl Benzene	8.937	91	560549	19.980	ug/l	98
68) m/p-Xylenes	9.062	106	450818	41.272	ug/l	100
69) o-Xylene	9.468	106	202897	19.680	ug/l	100
70) Styrene	9.487	104	368994	20.250	ug/l	99
71) Bromoform	9.654	173	107005	17.471	ug/l #	97
73) Isopropylbenzene	9.857	105	575932	20.490	ug/l	99
74) N-amyl acetate	9.725	43	216692	21.046	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	218780	18.583	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	159146	18.196	ug/l	76
77) Bromobenzene	10.143	156	143818	19.506	ug/l	98
78) n-propylbenzene	10.278	91	688376	20.955	ug/l	99
79) 2-Chlorotoluene	10.349	91	424652	20.326	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	502741	21.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	69006	19.254	ug/l	95
82) 4-Chlorotoluene	10.464	91	490240	20.992	ug/l	98
83) tert-Butylbenzene	10.789	119	478549	19.256	ug/l	100
84) 1,2,4-Trimethylbenzene	10.840	105	491740	21.084	ug/l	100
85) sec-Butylbenzene	11.014	105	636582	20.070	ug/l	100
86) p-Isopropyltoluene	11.168	119	538565	19.999	ug/l	100
87) 1,3-Dichlorobenzene	11.107	146	289261	19.220	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	296054	18.084	ug/l	98
89) n-Butylbenzene	11.580	91	496411	20.193	ug/l	99
90) Hexachloroethane	11.821	117	107949	16.854	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	273840	18.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	45676	17.160	ug/l	95
93) 1,2,4-Trichlorobenzene	13.184	180	166079	19.258	ug/l	98
94) Hexachlorobutadiene	13.371	225	77008	17.340	ug/l	99
95) Naphthalene	13.426	128	562496	19.852	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	176165	19.708	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

