

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039165.D
 Acq On : 24 Sep 2025 19:59
 Operator : SY/MD
 Sample : VV0924WBSD02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBSD02

Quant Time: Sep 25 08:24:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	545364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	903558	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	885424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	510716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	390603	49.487	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.980%
35) Dibromofluoromethane	4.503	113	363843	50.089	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.180%
50) Toluene-d8	7.236	98	1080761	50.659	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	101.320%
62) 4-Bromofluorobenzene	10.001	95	483167	55.014	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	110.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	156320	18.107	ug/l	98
3) Chloromethane	1.230	50	168337	18.164	ug/l	100
4) Vinyl Chloride	1.298	62	180006	18.142	ug/l	99
5) Bromomethane	1.497	94	91963	14.703	ug/l	99
6) Chloroethane	1.561	64	124416	20.020	ug/l	100
7) Trichlorofluoromethane	1.725	101	271403	18.893	ug/l	99
8) Diethyl Ether	1.918	74	98678	18.504	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	162784	19.045	ug/l	98
10) Methyl Iodide	2.198	142	97066	11.925	ug/l	99
11) Tert butyl alcohol	2.568	59	177476	106.387	ug/l	97
12) 1,1-Dichloroethene	2.082	96	159305	19.374	ug/l	92
13) Acrolein	2.011	56	32659	112.823	ug/l	95
14) Allyl chloride	2.359	41	262106	17.845	ug/l	98
15) Acrylonitrile	2.677	53	500749	93.637	ug/l	99
16) Acetone	2.121	43	420916	79.697	ug/l	98
17) Carbon Disulfide	2.253	76	461436	18.349	ug/l	99
18) Methyl Acetate	2.381	43	235110	20.104	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	506464	19.329	ug/l	99
20) Methylene Chloride	2.458	84	191133	20.897	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	163017	18.623	ug/l	99
22) Diisopropyl ether	3.217	45	524404	18.661	ug/l	84
23) Vinyl Acetate	3.191	43	2227046	90.591	ug/l	99
24) 1,1-Dichloroethane	3.117	63	311443	18.122	ug/l	99
25) 2-Butanone	3.873	43	581279	91.967	ug/l	99
26) 2,2-Dichloropropane	3.812	77	223757	14.684	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	181034	18.752	ug/l	99
28) Bromochloromethane	4.150	49	145773	19.214	ug/l	95
29) Tetrahydrofuran	4.243	42	385403	97.419	ug/l	99
30) Chloroform	4.278	83	330400	18.412	ug/l	97
31) Cyclohexane	4.584	56	258917	18.392	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	285397	18.370	ug/l	98
36) 1,1-Dichloropropene	4.748	75	205485	18.711	ug/l	98
37) Ethyl Acetate	3.982	43	238455	17.894	ug/l	98
38) Carbon Tetrachloride	4.735	117	243831	18.166	ug/l	98
39) Methylcyclohexane	6.050	83	241644	18.220	ug/l	97
40) Benzene	5.011	78	673840	18.842	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	96133	17.256	ug/l	93
42) 1,2-Dichloroethane	5.043	62	232378	18.545	ug/l	100
43) Isopropyl Acetate	5.198	43	339665	18.694	ug/l	99
44) Trichloroethene	5.831	130	158174	19.167	ug/l	100
45) 1,2-Dichloropropane	6.092	63	172229	19.376	ug/l	97
46) Dibromomethane	6.230	93	128940	18.952	ug/l	97
47) Bromodichloromethane	6.429	83	257271	18.292	ug/l	97
48) Methyl methacrylate	6.301	41	148719	18.056	ug/l	99
49) 1,4-Dioxane	6.297	88	52205	392.759	ug/l	94
51) 4-Methyl-2-Pentanone	7.149	43	1220207	102.079	ug/l	99
52) Toluene	7.310	92	415722	20.049	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	226898	18.511	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	259523	19.179	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	171629	18.460	ug/l	97
56) Ethyl methacrylate	7.719	69	204966	18.564	ug/l	98
57) 1,3-Dichloropropane	7.934	76	277934	18.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	486078	84.589	ug/l	99
59) 2-Hexanone	8.066	43	867936	91.441	ug/l	99
60) Dibromochloromethane	8.169	129	195919	18.494	ug/l	100
61) 1,2-Dibromoethane	8.275	107	183626	19.312	ug/l	99
64) Tetrachloroethene	7.899	164	146324	19.730	ug/l	98
65) Chlorobenzene	8.805	112	491329	19.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	162674	18.255	ug/l	100
67) Ethyl Benzene	8.937	91	716157	19.183	ug/l	99
68) m/p-Xylenes	9.063	106	582336	40.415	ug/l	99
69) o-Xylene	9.468	106	252664	19.804	ug/l	98
70) Styrene	9.487	104	457807	17.897	ug/l	99
71) Bromoform	9.654	173	131160	18.843	ug/l #	99
73) Isopropylbenzene	9.857	105	724475	19.558	ug/l	99
74) N-amyl acetate	9.725	43	279661	18.927	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290148	17.877	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	219335	18.862	ug/l	100
77) Bromobenzene	10.140	156	183095	19.051	ug/l	97
78) n-propylbenzene	10.278	91	881210	19.535	ug/l	100
79) 2-Chlorotoluene	10.349	91	539084	19.972	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	620336	20.148	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	82955	17.126	ug/l	98
82) 4-Chlorotoluene	10.464	91	626744	20.025	ug/l	100
83) tert-Butylbenzene	10.789	119	563652	18.359	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	604069	20.209	ug/l	99
85) sec-Butylbenzene	11.014	105	783211	19.233	ug/l	100
86) p-Isopropyltoluene	11.165	119	661055	19.504	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	362792	18.652	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	381649	17.885	ug/l	98
89) n-Butylbenzene	11.580	91	608918	18.812	ug/l	98
90) Hexachloroethane	11.818	117	138165	16.554	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	335832	18.481	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	57082	19.730	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	191728	18.406	ug/l	100
94) Hexachlorobutadiene	13.368	225	91410	16.888	ug/l	99
95) Naphthalene	13.426	128	623030	18.505	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	199614	18.736	ug/l	98

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

