

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039225.D
 Acq On : 29 Sep 2025 12:45
 Operator : SY/MD
 Sample : VV0929WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0929WBSD01

Quant Time: Sep 30 01:23:51 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	498393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	782969	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	752988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	463715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	313756	43.497	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	87.000%
35) Dibromofluoromethane	4.503	113	304927	48.444	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.880%
50) Toluene-d8	7.236	98	859357	46.485	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.960%
62) 4-Bromofluorobenzene	10.001	95	397013	52.166	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	142911	18.114	ug/l	98
3) Chloromethane	1.227	50	152170	17.967	ug/l	98
4) Vinyl Chloride	1.294	62	169371	18.679	ug/l	98
5) Bromomethane	1.497	94	112473	19.677	ug/l	99
6) Chloroethane	1.561	64	112812	19.852	ug/l	100
7) Trichlorofluoromethane	1.725	101	258580	19.697	ug/l	100
8) Diethyl Ether	1.918	74	100833	20.690	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.079	101	156985	20.098	ug/l	98
10) Methyl Iodide	2.198	142	152768	20.538	ug/l	98
11) Tert butyl alcohol	2.574	59	197600	129.613	ug/l	99
12) 1,1-Dichloroethene	2.082	96	149183	19.853	ug/l	91
13) Acrolein	2.011	56	30432	115.038	ug/l	99
14) Allyl chloride	2.359	41	260076	19.376	ug/l	95
15) Acrylonitrile	2.677	53	529256	108.295	ug/l	99
16) Acetone	2.121	43	434654	90.891	ug/l	98
17) Carbon Disulfide	2.252	76	401799	17.484	ug/l	100
18) Methyl Acetate	2.381	43	268256	25.100	ug/l	99
19) Methyl tert-butyl Ether	2.715	73	502775	20.997	ug/l	99
20) Methylene Chloride	2.455	84	177593	21.285	ug/l	94
21) trans-1,2-Dichloroethene	2.703	96	156960	19.621	ug/l	97
22) Diisopropyl ether	3.217	45	498634	19.416	ug/l	84
23) Vinyl Acetate	3.191	43	2169869	96.584	ug/l	99
24) 1,1-Dichloroethane	3.117	63	303622	19.332	ug/l	99
25) 2-Butanone	3.873	43	606604	105.019	ug/l	96
26) 2,2-Dichloropropane	3.812	77	225099	16.165	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	175715	19.916	ug/l	95
28) Bromochloromethane	4.150	49	141235	20.370	ug/l	90
29) Tetrahydrofuran	4.243	42	395779	109.470	ug/l	95
30) Chloroform	4.278	83	315709	19.251	ug/l	98
31) Cyclohexane	4.584	56	218468	16.981	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	274861	19.359	ug/l	98
36) 1,1-Dichloropropene	4.744	75	186014	19.546	ug/l	99
37) Ethyl Acetate	3.986	43	241045	20.874	ug/l	97
38) Carbon Tetrachloride	4.735	117	233397	20.067	ug/l	98
39) Methylcyclohexane	6.047	83	195960	17.051	ug/l	97
40) Benzene	5.011	78	623556	20.122	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	100179	20.365	ug/l	94
42) 1,2-Dichloroethane	5.047	62	221456	20.395	ug/l	99
43) Isopropyl Acetate	5.198	43	335203	21.290	ug/l	99
44) Trichloroethene	5.834	130	155061	21.684	ug/l	96
45) 1,2-Dichloropropane	6.092	63	160593	20.849	ug/l	95
46) Dibromomethane	6.230	93	126585	21.472	ug/l	95
47) Bromodichloromethane	6.429	83	250038	20.515	ug/l	99
48) Methyl methacrylate	6.301	41	147877	20.719	ug/l	97
49) 1,4-Dioxane	6.297	88	53009	460.230	ug/l	93
51) 4-Methyl-2-Pentanone	7.149	43	1244861	120.180	ug/l	100
52) Toluene	7.310	92	390533	21.735	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	227239	21.394	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	253213	21.595	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	173780	21.570	ug/l	95
56) Ethyl methacrylate	7.718	69	210504	22.002	ug/l	95
57) 1,3-Dichloropropane	7.937	76	268213	21.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	458850	91.289	ug/l	97
59) 2-Hexanone	8.066	43	906522	109.738	ug/l	99
60) Dibromochloromethane	8.169	129	198410	21.613	ug/l	98
61) 1,2-Dibromoethane	8.275	107	184040	22.337	ug/l	98
64) Tetrachloroethene	7.899	164	134014	21.249	ug/l	99
65) Chlorobenzene	8.805	112	443181	21.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	164309	21.681	ug/l	99
67) Ethyl Benzene	8.937	91	662192	20.857	ug/l	100
68) m/p-Xylenes	9.063	106	545930	44.552	ug/l	99
69) o-Xylene	9.468	106	239988	22.119	ug/l	99
70) Styrene	9.487	104	452013	20.534	ug/l	100
71) Bromoform	9.654	173	145614	24.598	ug/l #	100
73) Isopropylbenzene	9.857	105	669233	19.898	ug/l	100
74) N-amyl acetate	9.728	43	273814	20.410	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	291140	19.756	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	220278	20.863	ug/l	97
77) Bromobenzene	10.143	156	182864	20.956	ug/l	96
78) n-propylbenzene	10.278	91	794691	19.403	ug/l	98
79) 2-Chlorotoluene	10.349	91	510289	20.822	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	567991	20.318	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	87689	19.939	ug/l	98
82) 4-Chlorotoluene	10.464	91	603390	21.232	ug/l	99
83) tert-Butylbenzene	10.789	119	528470	18.958	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	564532	20.800	ug/l	99
85) sec-Butylbenzene	11.014	105	682445	18.457	ug/l	99
86) p-Isopropyltoluene	11.169	119	584428	18.991	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	357590	20.248	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	385021	19.872	ug/l	99
89) n-Butylbenzene	11.580	91	533471	18.151	ug/l	99
90) Hexachloroethane	11.821	117	134203	17.709	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	336911	20.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	64247	24.551	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	193354	20.443	ug/l	100
94) Hexachlorobutadiene	13.368	225	83447	16.980	ug/l	100
95) Naphthalene	13.426	128	634424	20.753	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	200154	20.691	ug/l	99

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

