

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039011.D
 Acq On : 22 Aug 2025 11:22
 Operator : SY/MD
 Sample : VV0822WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0822WBS01

Quant Time: Aug 25 02:20:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	711068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1223613	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1111109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	587275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	483673	48.476	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.960%
35) Dibromofluoromethane	4.500	113	422239	46.013	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.020%
50) Toluene-d8	7.233	98	1481838	46.309	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.620%
62) 4-Bromofluorobenzene	10.001	95	567460	48.476	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	96.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	169776	15.972	ug/l	97
3) Chloromethane	1.230	50	172603	15.720	ug/l	99
4) Vinyl Chloride	1.297	62	193558	16.707	ug/l	100
5) Bromomethane	1.497	94	120281	19.211	ug/l	100
6) Chloroethane	1.561	64	125697	21.292	ug/l	99
7) Trichlorofluoromethane	1.725	101	297228	18.728	ug/l	99
8) Diethyl Ether	1.918	74	112981	23.148	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.079	101	176458	20.142	ug/l	93
10) Methyl Iodide	2.198	142	153289	14.064	ug/l	95
11) Tert butyl alcohol	2.564	59	178290	132.025	ug/l	98
12) 1,1-Dichloroethene	2.082	96	174867	21.668	ug/l	91
13) Acrolein	2.008	56	58001	123.317	ug/l	94
14) Allyl chloride	2.359	41	291036	27.010	ug/l	89
15) Acrylonitrile	2.674	53	503757	123.435	ug/l	99
16) Acetone	2.117	43	487976	121.856	ug/l	100
17) Carbon Disulfide	2.252	76	498125	22.192	ug/l	100
18) Methyl Acetate	2.381	43	227939	26.855	ug/l	93
19) Methyl tert-butyl Ether	2.709	73	563864	23.630	ug/l	95
20) Methylene Chloride	2.458	84	192590	20.695	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	182719	21.738	ug/l	96
22) Diisopropyl ether	3.211	45	563676	23.827	ug/l	87
23) Vinyl Acetate	3.188	43	2299864	121.158	ug/l	96
24) 1,1-Dichloroethane	3.121	63	325550	20.774	ug/l	98
25) 2-Butanone	3.863	43	626272	120.198	ug/l	97
26) 2,2-Dichloropropane	3.809	77	288865	19.216	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	212380	20.934	ug/l	97
28) Bromochloromethane	4.146	49	82546	25.098	ug/l	81
29) Tetrahydrofuran	4.233	42	420322	120.849	ug/l	90
30) Chloroform	4.278	83	342387	19.119	ug/l	96
31) Cyclohexane	4.584	56	298623	21.358	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	298314	17.731	ug/l	98
36) 1,1-Dichloropropene	4.747	75	225102	18.889	ug/l	96
37) Ethyl Acetate	3.976	43	246414	21.163	ug/l	96
38) Carbon Tetrachloride	4.735	117	256830	16.093	ug/l	99
39) Methylcyclohexane	6.046	83	301335	19.789	ug/l	96
40) Benzene	5.011	78	723728	19.390	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	95640	21.798	ug/l #	95
42) 1,2-Dichloroethane	5.040	62	238424	17.472	ug/l	97
43) Isopropyl Acetate	5.191	43	383313	21.576	ug/l	96
44) Trichloroethene	5.834	130	178522	17.632	ug/l	91
45) 1,2-Dichloropropane	6.088	63	174907	19.539	ug/l	99
46) Dibromomethane	6.227	93	132040	17.579	ug/l	96
47) Bromodichloromethane	6.426	83	269457	17.627	ug/l	99
48) Methyl methacrylate	6.297	41	173885	21.834	ug/l	92
49) 1,4-Dioxane	6.291	88	64079	481.212	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	1295308	111.041	ug/l	97
52) Toluene	7.307	92	464422	19.646	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	268515	18.789	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	297722	20.107	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	181577	17.617	ug/l	99
56) Ethyl methacrylate	7.715	69	259746	17.539	ug/l	97
57) 1,3-Dichloropropane	7.934	76	300100	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	728562	105.659	ug/l	94
59) 2-Hexanone	8.062	43	939591	85.593	ug/l	100
60) Dibromochloromethane	8.165	129	208554	16.757	ug/l	100
61) 1,2-Dibromoethane	8.275	107	195674	18.299	ug/l	100
64) Tetrachloroethene	7.899	164	151467	18.320	ug/l	98
65) Chlorobenzene	8.805	112	504227	18.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	177471	18.454	ug/l	98
67) Ethyl Benzene	8.937	91	845777	20.681	ug/l	100
68) m/p-Xylenes	9.062	106	650761	40.971	ug/l	99
69) o-Xylene	9.468	106	301415	20.820	ug/l	97
70) Styrene	9.487	104	531727	21.408	ug/l	100
71) Bromoform	9.654	173	140378	17.716	ug/l #	97
73) Isopropylbenzene	9.857	105	848803	21.539	ug/l	100
74) N-amyl acetate	9.725	43	328035	22.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290305	18.549	ug/l	98
76) 1,2,3-Trichloropropane	10.197	75	215047	19.741	ug/l	97
77) Bromobenzene	10.143	156	199933	19.746	ug/l	97
78) n-propylbenzene	10.278	91	994866	21.144	ug/l	100
79) 2-Chlorotoluene	10.349	91	596013	21.098	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	705518	21.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	95539	20.136	ug/l	97
82) 4-Chlorotoluene	10.464	91	689787	21.185	ug/l	99
83) tert-Butylbenzene	10.789	119	710863	21.587	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	715608	22.548	ug/l	98
85) sec-Butylbenzene	11.011	105	945306	22.073	ug/l	99
86) p-Isopropyltoluene	11.168	119	771372	21.388	ug/l	100
87) 1,3-Dichlorobenzene	11.107	146	391168	19.565	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	399628	18.738	ug/l	98
89) n-Butylbenzene	11.580	91	730918	20.801	ug/l	99
90) Hexachloroethane	11.821	117	149961	17.991	ug/l	93
91) 1,2-Dichlorobenzene	11.567	146	370771	19.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	64378	21.150	ug/l	88
93) 1,2,4-Trichlorobenzene	13.184	180	226476	19.908	ug/l	99
94) Hexachlorobutadiene	13.371	225	101272	17.268	ug/l	98
95) Naphthalene	13.426	128	788574	21.965	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	227696	19.850	ug/l	100

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

