

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038938.D
 Acq On : 11 Aug 2025 11:32
 Operator : SY/MD
 Sample : VV0811WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBS01

Quant Time: Aug 12 01:45:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	485479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	781411	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	754770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	434736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	357813	51.250	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.500%	
35) Dibromofluoromethane	4.500	113	289785	48.883	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 97.760%	
50) Toluene-d8	7.236	98	1020325	49.697	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	10.001	95	367984	49.767	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 99.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	65755	20.131	ug/l	98
3) Chloromethane	1.227	50	59893	19.218	ug/l	100
4) Vinyl Chloride	1.294	62	78422	20.478	ug/l	96
5) Bromomethane	1.494	94	61329	20.430	ug/l	95
6) Chloroethane	1.558	64	54627	19.832	ug/l	93
7) Trichlorofluoromethane	1.725	101	150220	19.808	ug/l	99
8) Diethyl Ether	1.918	74	57429	20.308	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	90651	18.712	ug/l	100
10) Methyl Iodide	2.195	142	85137	18.445	ug/l	96
11) Tert butyl alcohol	2.568	59	133085	112.707	ug/l	98
12) 1,1-Dichloroethene	2.082	96	80392	20.023	ug/l	99
13) Acrolein	2.008	56	81305	89.466	ug/l	99
14) Allyl chloride	2.359	41	101794	14.498	ug/l	98
15) Acrylonitrile	2.674	53	327754	105.137	ug/l	98
16) Acetone	2.117	43	216843	86.523	ug/l	99
17) Carbon Disulfide	2.249	76	98979	15.267	ug/l	98
18) Methyl Acetate	2.381	43	189474	21.085	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	340000	20.581	ug/l	99
20) Methylene Chloride	2.455	84	103019	17.864	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	81858	18.758	ug/l	99
22) Diisopropyl ether	3.217	45	302760	21.323	ug/l	91
23) Vinyl Acetate	3.191	43	1139486	108.035	ug/l	99
24) 1,1-Dichloroethane	3.117	63	181269	19.907	ug/l	98
25) 2-Butanone	3.870	43	364068	114.493	ug/l	96
26) 2,2-Dichloropropane	3.812	77	153630	19.041	ug/l	97
27) cis-1,2-Dichloroethene	3.821	96	104268	19.926	ug/l	99
28) Bromochloromethane	4.149	49	60213	19.685	ug/l	98
29) Tetrahydrofuran	4.239	42	235058	112.905	ug/l	98
30) Chloroform	4.281	83	202392	20.427	ug/l	95
31) Cyclohexane	4.584	56	110773	19.749	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	175392	20.582	ug/l	97
36) 1,1-Dichloropropene	4.744	75	99442	18.867	ug/l	97
37) Ethyl Acetate	3.982	43	130665	18.712	ug/l	96
38) Carbon Tetrachloride	4.738	117	141201	20.282	ug/l	96
39) Methylcyclohexane	6.046	83	105178	18.386	ug/l	96
40) Benzene	5.011	78	362669	20.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	57437	20.339	ug/l	92
42) 1,2-Dichloroethane	5.043	62	131170	19.411	ug/l	98
43) Isopropyl Acetate	5.198	43	201255	20.745	ug/l	99
44) Trichloroethene	5.834	130	93184	20.063	ug/l	96
45) 1,2-Dichloropropane	6.095	63	99036	20.390	ug/l	96
46) Dibromomethane	6.230	93	77132	21.453	ug/l	100
47) Bromodichloromethane	6.429	83	161528	20.221	ug/l	98
48) Methyl methacrylate	6.300	41	88130	20.515	ug/l	99
49) 1,4-Dioxane	6.291	88	37375	417.427	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	780532	116.148	ug/l	98
52) Toluene	7.310	92	234466	21.353	ug/l	97
53) t-1,3-Dichloropropene	7.577	75	147731	21.140	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	156992	20.578	ug/l	99
55) 1,1,2-Trichloroethane	7.763	97	116723	21.722	ug/l	97
56) Ethyl methacrylate	7.718	69	139029	22.087	ug/l	99
57) 1,3-Dichloropropane	7.937	76	172638	21.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	316451	100.366	ug/l	100
59) 2-Hexanone	8.066	43	564689	116.414	ug/l	99
60) Dibromochloromethane	8.169	129	136076	20.681	ug/l	98
61) 1,2-Dibromoethane	8.275	107	116164	21.777	ug/l	97
64) Tetrachloroethene	7.899	164	85039	19.197	ug/l	97
65) Chlorobenzene	8.805	112	285526	19.352	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.898	131	113513	19.560	ug/l	99
67) Ethyl Benzene	8.937	91	427611	19.732	ug/l	99
68) m/p-Xylenes	9.062	106	347094	41.558	ug/l	97
69) o-Xylene	9.471	106	158218	20.146	ug/l	97
70) Styrene	9.487	104	289986	20.508	ug/l	98
71) Bromoform	9.657	173	98459	20.189	ug/l #	99
73) Isopropylbenzene	9.857	105	452835	19.956	ug/l	99
74) N-amyl acetate	9.728	43	169334	21.235	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	194132	20.010	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	144954	20.407	ug/l	97
77) Bromobenzene	10.143	156	122997	20.192	ug/l	96
78) n-propylbenzene	10.278	91	543284	20.295	ug/l	99
79) 2-Chlorotoluene	10.349	91	345612	21.035	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	395723	20.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	56965	20.079	ug/l	94
82) 4-Chlorotoluene	10.464	91	397854	20.704	ug/l	99
83) tert-Butylbenzene	10.789	119	391432	19.193	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	387870	20.413	ug/l	99
85) sec-Butylbenzene	11.014	105	511236	19.838	ug/l	100
86) p-Isopropyltoluene	11.168	119	436881	19.461	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	247313	19.423	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	259521	18.733	ug/l	98
89) n-Butylbenzene	11.580	91	399421	19.246	ug/l	99
90) Hexachloroethane	11.821	117	97526	18.416	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	234045	19.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	42348	20.062	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	143026	18.840	ug/l	99
94) Hexachlorobutadiene	13.371	225	71239	17.759	ug/l	99
95) Naphthalene	13.426	128	452299	18.987	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	150177	19.331	ug/l	99

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

