

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039005.D
 Acq On : 22 Aug 2025 00:20
 Operator : SY/MD
 Sample : Q2924-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025MS

Quant Time: Aug 22 04:43:02 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	528363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	848358	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.780	117	744435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	531973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	373716	50.408	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 100.820%			
35) Dibromofluoromethane	4.500	113	282258	44.365	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 88.720%			
50) Toluene-d8	7.252	98	973361	43.874	ug/l	0.02
Spiked Amount 50.000	Range 89 - 112		Recovery = 87.740%#			
62) 4-Bromofluorobenzene	10.005	95	365259	45.005	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 90.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	303471	38.422	ug/l	98
3) Chloromethane	1.227	50	264332	32.399	ug/l	97
4) Vinyl Chloride	1.294	62	341661	39.689	ug/l #	75
5) Bromomethane	1.491	94	115891	24.910	ug/l	98
6) Chloroethane	1.558	64	227959	51.967	ug/l	94
7) Trichlorofluoromethane	1.722	101	539007	45.705	ug/l	98
8) Diethyl Ether	1.915	74	177950	49.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	290114	44.567	ug/l	99
10) Methyl Iodide	2.195	142	257181	31.755	ug/l	97
11) Tert butyl alcohol	2.564	59	294699	293.688	ug/l	99
12) 1,1-Dichloroethene	2.079	96	294988	49.193	ug/l	98
13) Acrolein	2.008	56	79586	244.385	ug/l #	1
14) Allyl chloride	2.355	41	360185	44.987	ug/l	94
15) Acrylonitrile	2.671	53	745777	245.927	ug/l	99
16) Acetone	2.118	43	638108	214.447	ug/l	98
17) Carbon Disulfide	2.253	76	792306	47.504	ug/l	99
18) Methyl Acetate	2.378	43	300683	47.675	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	981544	55.357	ug/l	99
20) Methylene Chloride	2.455	84	299675	43.337	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	1361690	218.019	ug/l	99
22) Diisopropyl ether	3.211	45	753895	42.887	ug/l	99
23) Vinyl Acetate	3.185	43	3020801	214.166	ug/l	100
24) 1,1-Dichloroethane	3.117	63	494589	42.475	ug/l	99
25) 2-Butanone	3.860	43	890827	230.095	ug/l	97
26) 2,2-Dichloropropane	3.812	77	381196	34.126	ug/l	79
27) cis-1,2-Dichloroethene	3.815	96	1272503	168.804	ug/l	92
28) Bromochloromethane	4.150	49	110475	45.246	ug/l	95
29) Tetrahydrofuran	4.230	42	580495	224.615	ug/l	99
30) Chloroform	4.278	83	556744	41.840	ug/l	99
31) Cyclohexane	4.587	56	426988	41.099	ug/l	99
32) 1,1,1-Trichloroethane	4.516	97	531225	42.493	ug/l	99
36) 1,1-Dichloropropene	4.748	75	364570	44.124	ug/l #	75
37) Ethyl Acetate	3.973	43	340498	42.179	ug/l	100
38) Carbon Tetrachloride	4.738	117	466553	42.166	ug/l	100
39) Methylcyclohexane	6.050	83	476755	45.158	ug/l	96
40) Benzene	4.989	78	41930506m	1620.268	ug/l	

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41) Methacrylonitrile	4.156	41	158767	52.193	ug/l	95
42) 1,2-Dichloroethane	5.031	62	1735360	183.424	ug/l	81
43) Isopropyl Acetate	5.191	43	531788	43.173	ug/l	99
44) Trichloroethene	5.831	130	519245	73.970	ug/l	97
45) 1,2-Dichloropropane	6.092	63	252945	40.755	ug/l	99
46) Dibromomethane	6.227	93	217643	41.792	ug/l	97
47) Bromodichloromethane	6.429	83	429789	40.551	ug/l	97
48) Methyl methacrylate	6.297	41	264389	47.883	ug/l	100
49) 1,4-Dioxane	6.291	88	102442	1109.594	ug/l	93
51) 4-Methyl-2-Pentanone	7.178	43	1772089	219.109	ug/l	97
52) Toluene	7.301	92	53540345m	3266.734	ug/l	
53) t-1,3-Dichloropropene	7.580	75	406327	41.009	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	437820	42.648	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	265575	37.164	ug/l	99
56) Ethyl methacrylate	7.719	69	416515	38.555	ug/l	95
57) 1,3-Dichloropropane	7.937	76	431420	38.717	ug/l	99
59) 2-Hexanone	8.066	43	1247929	160.267	ug/l	96
60) Dibromochloromethane	8.172	129	334184	38.729	ug/l	100
61) 1,2-Dibromoethane	8.278	107	295667	39.881	ug/l	99
64) Tetrachloroethene	7.902	164	242011	43.690	ug/l	98
65) Chlorobenzene	8.809	112	793712	44.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.905	131	285787	44.354	ug/l	99
67) Ethyl Benzene	8.934	91	17701281m	646.013	ug/l	
68) m/p-Xylenes	9.063	106	24487808m	2301.099	ug/l	
69) o-Xylene	9.481	106	21358696	2202.040	ug/l #	1
70) Styrene	9.487	104	29432110m	1768.662	ug/l	
71) Bromoform	9.664	173	240829	45.364	ug/l #	98
73) Isopropylbenzene	9.860	105	1555867	43.586	ug/l	100
74) N-amyl acetate	9.728	43	434797	33.245	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.169	83	409312	28.872	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	351803m	35.653	ug/l	
77) Bromobenzene	10.143	156	337419	36.789	ug/l	93
78) n-propylbenzene	10.281	91	2510535	58.905	ug/l	100
79) 2-Chlorotoluene	10.352	91	1796442	70.201	ug/l	72
80) 1,3,5-Trimethylbenzene	10.468	105	5316872	176.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.934	75	139975	32.569	ug/l	97
82) 4-Chlorotoluene	10.468	91	1563171	52.999	ug/l	84
83) tert-Butylbenzene	10.796	119	1273675	42.699	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	16808144m	584.663	ug/l	
85) sec-Butylbenzene	11.017	105	1862819	48.018	ug/l	100
86) p-Isopropyltoluene	11.172	119	1915758	58.640	ug/l	99
87) 1,3-Dichlorobenzene	11.111	146	814777	44.989	ug/l	100
88) 1,4-Dichlorobenzene	11.204	146	846726	43.830	ug/l	100
89) n-Butylbenzene	11.609	91	1694177	53.227	ug/l	91
90) Hexachloroethane	11.834	117	387766m	51.358	ug/l	
91) 1,2-Dichlorobenzene	11.577	146	795654	46.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	126783	45.982	ug/l	96
93) 1,2,4-Trichlorobenzene	13.191	180	535057	51.921	ug/l	100
94) Hexachlorobutadiene	13.394	225	199189	37.494	ug/l	99
95) Naphthalene	13.413	128	38765079m	1192.029	ug/l	
96) 1,2,3-Trichlorobenzene	13.670	180	536515	51.633	ug/l	98

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

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