

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039023.D
 Acq On : 25 Aug 2025 10:38
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 26 02:13:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:10:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	512736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	863413	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	806323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	435987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	75104	10.156	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	20.320%#		
35) Dibromofluoromethane	4.506	113	66097	10.630	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	21.260%#		
50) Toluene-d8	7.239	98	222402	10.102	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	20.200%#		
62) 4-Bromofluorobenzene	10.005	95	82628	10.243	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	20.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	72613	10.575	ug/l	98
3) Chloromethane	1.227	50	77748	10.625	ug/l	98
4) Vinyl Chloride	1.294	62	89863	10.531	ug/l	100
5) Bromomethane	1.497	94	45582	10.631	ug/l	100
6) Chloroethane	1.561	64	55350	10.970	ug/l	95
7) Trichlorofluoromethane	1.725	101	130791	10.648	ug/l	99
8) Diethyl Ether	1.918	74	47953	10.291	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	77773	10.510	ug/l	98
10) Methyl Iodide	2.198	142	45700	11.171	ug/l	99
11) Tert butyl alcohol	2.564	59	68216	51.386	ug/l	100
12) 1,1-Dichloroethene	2.082	96	72503	10.234	ug/l	93
13) Acrolein	2.011	56	22504	37.546	ug/l	96
14) Allyl chloride	2.358	41	103188	9.254	ug/l	98
15) Acrylonitrile	2.677	53	197971	50.004	ug/l	98
16) Acetone	2.117	43	244936	52.440	ug/l	97
17) Carbon Disulfide	2.252	76	191347	9.730	ug/l	100
18) Methyl Acetate	2.384	43	88934	9.774	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	210083	10.064	ug/l	100
20) Methylene Chloride	2.455	84	76780	10.066	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	70188	9.884	ug/l	96
22) Diisopropyl ether	3.214	45	211924	10.443	ug/l #	79
23) Vinyl Acetate	3.191	43	829125	49.829	ug/l	99
24) 1,1-Dichloroethane	3.121	63	132505	10.423	ug/l	99
25) 2-Butanone	3.870	43	247959	48.259	ug/l	99
26) 2,2-Dichloropropane	3.812	77	112911	10.332	ug/l	97
27) cis-1,2-Dichloroethene	3.828	96	78866	10.021	ug/l	97
28) Bromochloromethane	4.156	49	29145	8.349	ug/l	98
29) Tetrahydrofuran	4.233	42	161941	51.141	ug/l	95
30) Chloroform	4.278	83	137090	10.368	ug/l	99
31) Cyclohexane	4.583	56	115693	10.290	ug/l	96
32) 1,1,1-Trichloroethane	4.516	97	121201	10.413	ug/l	100
36) 1,1-Dichloropropene	4.751	75	83162	9.952	ug/l	99
37) Ethyl Acetate	3.985	43	108582m	11.070	ug/l	
38) Carbon Tetrachloride	4.735	117	110629	11.055	ug/l	98
39) Methylcyclohexane	6.046	83	109750	10.231	ug/l	98
40) Benzene	5.011	78	284776	10.663	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.172	41	32054	8.978	ug/l #	83
42) 1,2-Dichloroethane	5.047	62	96850	10.400	ug/l	98
43) Isopropyl Acetate	5.194	43	142148	10.183	ug/l	98
44) Trichloroethene	5.834	130	67595	10.081	ug/l	93
45) 1,2-Dichloropropane	6.095	63	69176	10.189	ug/l	95
46) Dibromomethane	6.230	93	53842	10.457	ug/l	98
47) Bromodichloromethane	6.426	83	108380	10.216	ug/l	95
48) Methyl methacrylate	6.304	41	60420	8.869	ug/l	97
49) 1,4-Dioxane	6.294	88	22853m	198.227	ug/l	
51) 4-Methyl-2-Pentanone	7.146	43	504623	50.963	ug/l	100
52) Toluene	7.310	92	175786	10.320	ug/l	100
53) t-1,3-Dichloropropene	7.580	75	103485	10.161	ug/l	98
54) cis-1,3-Dichloropropene	6.953	75	111867	10.225	ug/l	96
55) 1,1,2-Trichloroethane	7.763	97	74903	10.540	ug/l	99
56) Ethyl methacrylate	7.718	69	93258	9.894	ug/l	96
57) 1,3-Dichloropropane	7.937	76	117760	10.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	239713	47.679	ug/l	98
59) 2-Hexanone	8.066	43	358073	48.890	ug/l	98
60) Dibromochloromethane	8.169	129	85037	10.344	ug/l	100
61) 1,2-Dibromoethane	8.275	107	78079	10.645	ug/l	100
64) Tetrachloroethene	7.898	164	60752	10.599	ug/l	98
65) Chlorobenzene	8.805	112	201897	10.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	73112	10.853	ug/l	99
67) Ethyl Benzene	8.937	91	310050	10.157	ug/l	99
68) m/p-Xylenes	9.062	106	246196	20.976	ug/l	100
69) o-Xylene	9.471	106	108880	10.132	ug/l	95
70) Styrene	9.487	104	194731	10.286	ug/l	100
71) Bromoform	9.657	173	57244	10.509	ug/l #	100
73) Isopropylbenzene	9.857	105	307605	10.067	ug/l	99
74) N-amyl acetate	9.728	43	112593	8.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.168	83	121105	10.061	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	87861	10.266	ug/l	99
77) Bromobenzene	10.143	156	78729	10.401	ug/l	95
78) n-propylbenzene	10.278	91	363427	10.076	ug/l	99
79) 2-Chlorotoluene	10.349	91	221382	9.961	ug/l	99
80) 1,3,5-Trimethylbenzene	10.467	105	258036	10.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	37916	9.743	ug/l	96
82) 4-Chlorotoluene	10.464	91	256662	10.152	ug/l	100
83) tert-Butylbenzene	10.789	119	263707	10.337	ug/l	100
84) 1,2,4-Trimethylbenzene	10.840	105	260581	10.619	ug/l	100
85) sec-Butylbenzene	11.014	105	347930	10.371	ug/l	100
86) p-Isopropyltoluene	11.168	119	289447	10.346	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	162643	10.749	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	171060	10.492	ug/l	98
89) n-Butylbenzene	11.583	91	271112	10.047	ug/l	98
90) Hexachloroethane	11.821	117	65996	10.560	ug/l	96
91) 1,2-Dichlorobenzene	11.570	146	150039	10.223	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	27312	10.445	ug/l	94
93) 1,2,4-Trichlorobenzene	13.188	180	84400	9.925	ug/l	100
94) Hexachlorobutadiene	13.371	225	41634	10.470	ug/l	96
95) Naphthalene	13.426	128	272154	9.227	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	85494	9.921	ug/l	97

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

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