

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081325\
 Data File : VV038954.D
 Acq On : 13 Aug 2025 15:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV081325

Quant Time: Aug 14 02:45:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V081325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 14 02:40:30 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/18/2025
 Supervised By :Semsettin Yesilyurt 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	527965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	856439	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	810231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	453024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	364232	50.020	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 100.040%			
35) Dibromofluoromethane	4.497	113	306433	50.790	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.580%			
50) Toluene-d8	7.236	98	1065743	50.706	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 101.420%			
62) 4-Bromofluorobenzene	10.001	95	408408	53.479	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 106.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	341175	47.917	ug/l	100
3) Chloromethane	1.230	50	340856	45.527	ug/l	100
4) Vinyl Chloride	1.294	62	385115	46.453	ug/l	98
5) Bromomethane	1.487	94	268777	48.257	ug/l	98
6) Chloroethane	1.555	64	233275	46.176	ug/l	100
7) Trichlorofluoromethane	1.722	101	439371	40.396	ug/l	98
8) Diethyl Ether	1.918	74	167574	49.107	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	269527	45.354	ug/l	98
10) Methyl Iodide	2.195	142	440388	54.692	ug/l	100
11) Tert butyl alcohol	2.574	59	391351	272.227	ug/l	99
12) 1,1-Dichloroethene	2.079	96	257984	43.788	ug/l	98
13) Acrolein	2.005	56	159139	275.203	ug/l	98
14) Allyl chloride	2.355	41	525764	51.553	ug/l	99
15) Acrylonitrile	2.674	53	1037052	257.079	ug/l	99
16) Acetone	2.117	43	708224	237.605	ug/l	96
17) Carbon Disulfide	2.249	76	928020	50.421	ug/l	100
18) Methyl Acetate	2.378	43	420838	54.393	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	1090412	51.030	ug/l	98
20) Methylene Chloride	2.452	84	353999	51.935	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	332795	46.078	ug/l	99
22) Diisopropyl ether	3.217	45	1019806	52.550	ug/l	95
23) Vinyl Acetate	3.188	43	4427424	271.626	ug/l	99
24) 1,1-Dichloroethane	3.114	63	514395	42.357	ug/l	99
25) 2-Butanone	3.867	43	1240969	278.721	ug/l	99
26) 2,2-Dichloropropane	3.809	77	505963	47.495	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	373754	50.168	ug/l	98
28) Bromochloromethane	4.146	49	151777	45.717	ug/l	100
29) Tetrahydrofuran	4.236	42	835888	291.510	ug/l	97
30) Chloroform	4.275	83	616712	47.520	ug/l	99
31) Cyclohexane	4.580	56	505350	47.430	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	548650	46.896	ug/l	98
36) 1,1-Dichloropropene	4.741	75	403999	50.914	ug/l	99
37) Ethyl Acetate	3.976	43	495203	53.245	ug/l	99
38) Carbon Tetrachloride	4.731	117	467366	49.960	ug/l	97
39) Methylcyclohexane	6.047	83	545378	52.307	ug/l	98
40) Benzene	5.008	78	1294350	49.765	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	215253m	60.005	ug/l	
42) 1,2-Dichloroethane	5.037	62	452708	50.544	ug/l	100
43) Isopropyl Acetate	5.191	43	735562	56.506	ug/l	99
44) Trichloroethene	5.828	130	324079	48.138	ug/l	99
45) 1,2-Dichloropropane	6.088	63	310782	51.264	ug/l	99
46) Dibromomethane	6.223	93	243814	50.186	ug/l	99
47) Bromodichloromethane	6.426	83	491815	50.363	ug/l	99
48) Methyl methacrylate	6.294	41	349135	57.604	ug/l	98
49) 1,4-Dioxane	6.288	88	132654	1149.742	ug/l	96
51) 4-Methyl-2-Pentanone	7.149	43	2482632	281.208	ug/l	99
52) Toluene	7.307	92	830642	52.047	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	497235	52.045	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	532570	52.098	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	338214	51.025	ug/l	100
56) Ethyl methacrylate	7.715	69	515546	59.988	ug/l	99
57) 1,3-Dichloropropane	7.934	76	550317	52.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	1487463	269.061	ug/l	100
59) 2-Hexanone	8.063	43	1877486	295.871	ug/l	100
60) Dibromochloromethane	8.169	129	401324	50.116	ug/l	100
61) 1,2-Dibromoethane	8.272	107	364868	51.147	ug/l	98
64) Tetrachloroethene	7.895	164	289084	47.157	ug/l	99
65) Chlorobenzene	8.805	112	925313	48.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	332152	50.243	ug/l	99
67) Ethyl Benzene	8.937	91	1564261	54.444	ug/l	99
68) m/p-Xylenes	9.063	106	1239650	110.183	ug/l	100
69) o-Xylene	9.468	106	573229	55.468	ug/l	98
70) Styrene	9.484	104	1028459	57.167	ug/l	100
71) Bromoform	9.654	173	285837	53.208	ug/l	100
73) Isopropylbenzene	9.857	105	1579573	54.454	ug/l	99
74) N-amyl acetate	9.725	43	655544	58.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.169	83	557764	49.552	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	421596	49.710	ug/l	97
77) Bromobenzene	10.140	156	380735	50.737	ug/l	99
78) n-propylbenzene	10.278	91	1890888	54.473	ug/l	99
79) 2-Chlorotoluene	10.349	91	1120052	52.787	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	1358960	55.525	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	198489	56.982	ug/l	98
82) 4-Chlorotoluene	10.461	91	1327257	54.301	ug/l	100
83) tert-Butylbenzene	10.789	119	1327470	54.093	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1348362	57.281	ug/l	99
85) sec-Butylbenzene	11.014	105	1759137	54.937	ug/l	100
86) p-Isopropyltoluene	11.169	119	1488307	54.411	ug/l	100
87) 1,3-Dichlorobenzene	11.107	146	749099	48.696	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	765317	46.025	ug/l	99
89) n-Butylbenzene	11.580	91	1422412	55.013	ug/l	99
90) Hexachloroethane	11.821	117	299060	49.708	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	713619	49.506	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	126674	51.207	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	471551	53.008	ug/l	99
94) Hexachlorobutadiene	13.368	225	211537	47.856	ug/l	98
95) Naphthalene	13.426	128	1667788	59.638	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	481746	53.499	ug/l	97

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

