

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039025.D
 Acq On : 25 Aug 2025 11:25
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 26 02:14:46 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

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	531789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	920827	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	867408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	459131	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	353924	46.143	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.280%
35) Dibromofluoromethane	4.503	113	310141	46.769	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.540%
50) Toluene-d8	7.236	98	1149314	48.949	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	10.001	95	431082	50.106	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	100.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	333290	46.802	ug/l	100
3) Chloromethane	1.230	50	361885	47.685	ug/l	100
4) Vinyl Chloride	1.297	62	416298	47.040	ug/l	100
5) Bromomethane	1.494	94	213069	47.915	ug/l	100
6) Chloroethane	1.558	64	247461	47.288	ug/l	100
7) Trichlorofluoromethane	1.725	101	587994	46.156	ug/l	100
8) Diethyl Ether	1.918	74	217969	45.103	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	353857	46.108	ug/l	100
10) Methyl Iodide	2.198	142	320161	46.071	ug/l	100
11) Tert butyl alcohol	2.564	59	366525	266.206	ug/l	100
12) 1,1-Dichloroethene	2.082	96	336541	45.801	ug/l	100
13) Acrolein	2.008	56	106395	171.150	ug/l	100
14) Allyl chloride	2.359	41	605701	52.372	ug/l	100
15) Acrylonitrile	2.674	53	1134636	276.321	ug/l	100
16) Acetone	2.117	43	1018833	210.313	ug/l	100
17) Carbon Disulfide	2.252	76	989460	48.509	ug/l	100
18) Methyl Acetate	2.378	43	532678	56.446	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1169633	54.022	ug/l	100
20) Methylene Chloride	2.455	84	396398	50.108	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	372801	50.619	ug/l	100
22) Diisopropyl ether	3.214	45	1038949	49.362	ug/l	100
23) Vinyl Acetate	3.185	43	4403765	255.176	ug/l	100
24) 1,1-Dichloroethane	3.121	63	608179	46.125	ug/l	100
25) 2-Butanone	3.860	43	1236818	232.091	ug/l	100
26) 2,2-Dichloropropane	3.812	77	531134	46.861	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	387799	47.510	ug/l	100
28) Bromochloromethane	4.146	49	143717	48.434	ug/l	100
29) Tetrahydrofuran	4.230	42	789109	240.271	ug/l	100
30) Chloroform	4.278	83	633832	46.218	ug/l	100
31) Cyclohexane	4.584	56	538167	46.150	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	563801	46.705	ug/l	100
36) 1,1-Dichloropropene	4.748	75	421991	47.349	ug/l	100
37) Ethyl Acetate	3.973	43	472338	45.153	ug/l	100
38) Carbon Tetrachloride	4.738	117	491738	46.076	ug/l	100
39) Methylcyclohexane	6.050	83	616553	53.890	ug/l	100
40) Benzene	5.008	78	1340661	47.070	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	214146	49.008	ug/l	100
42) 1,2-Dichloroethane	5.040	62	454637	45.777	ug/l	100
43) Isopropyl Acetate	5.188	43	744291	49.996	ug/l	100
44) Trichloroethene	5.831	130	362048	50.627	ug/l	100
45) 1,2-Dichloropropane	6.088	63	372038	51.381	ug/l	100
46) Dibromomethane	6.227	93	268965	48.981	ug/l	100
47) Bromodichloromethane	6.426	83	546904	48.336	ug/l	100
48) Methyl methacrylate	6.294	41	382832	52.693	ug/l	100
49) 1,4-Dioxane	6.288	88	120622	981.039	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	2750545	260.464	ug/l	100
52) Toluene	7.307	92	920076	50.648	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	567057	52.206	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	601472	51.547	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	370564	48.894	ug/l	100
56) Ethyl methacrylate	7.715	69	573531	57.053	ug/l	100
57) 1,3-Dichloropropane	7.934	76	614131	50.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1517435	246.782	ug/l	100
59) 2-Hexanone	8.063	43	2068494	264.817	ug/l	100
60) Dibromochloromethane	8.169	129	431136	49.174	ug/l	100
61) 1,2-Dibromoethane	8.271	107	397760	50.849	ug/l	100
64) Tetrachloroethene	7.895	164	302637	49.079	ug/l	100
65) Chlorobenzene	8.805	112	1027167	49.488	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	360350	49.725	ug/l	100
67) Ethyl Benzene	8.937	91	1758214	53.542	ug/l	100
68) m/p-Xylenes	9.062	106	1360959	107.791	ug/l	100
69) o-Xylene	9.468	106	636318	55.046	ug/l	100
70) Styrene	9.484	104	1122057	55.096	ug/l	100
71) Bromoform	9.654	173	298127	50.878	ug/l	100
73) Isopropylbenzene	9.857	105	1715815	53.324	ug/l	100
74) N-amyl acetate	9.725	43	726423	54.932	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	608036	47.968	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	454906	50.475	ug/l	100
77) Bromobenzene	10.140	156	403997	50.680	ug/l	100
78) n-propylbenzene	10.278	91	2090672	55.041	ug/l	100
79) 2-Chlorotoluene	10.349	91	1221733	52.201	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1443918	54.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	216778	52.897	ug/l	100
82) 4-Chlorotoluene	10.461	91	1411908	53.030	ug/l	100
83) tert-Butylbenzene	10.789	119	1441566	53.661	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1442269	55.812	ug/l	100
85) sec-Butylbenzene	11.014	105	1908253	54.012	ug/l	100
86) p-Isopropyltoluene	11.168	119	1570645	53.313	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	800956	50.265	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	817977	47.642	ug/l	100
89) n-Butylbenzene	11.580	91	1564927	55.073	ug/l	100
90) Hexachloroethane	11.821	117	310175	47.130	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	761559	49.276	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	129184	46.916	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	479015	53.488	ug/l	100
94) Hexachlorobutadiene	13.371	225	199901	47.735	ug/l	100
95) Naphthalene	13.426	128	1793951	57.756	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	495629	54.617	ug/l	100

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

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