

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038899.D
 Acq On : 15 Jul 2025 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	434174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	693584	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	681298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	413639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	240626	45.360	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery =	90.720%		
35) Dibromofluoromethane	4.500	113	223293	47.219	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	94.440%		
50) Toluene-d8	7.236	98	659447	46.135	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	92.260%		
62) 4-Bromofluorobenzene	10.001	95	309020	53.667	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	107.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	159417	41.788	ug/l	99
3) Chloromethane	1.230	50	157831	38.312	ug/l	99
4) Vinyl Chloride	1.294	62	193530	41.045	ug/l	99
5) Bromomethane	1.487	94	142931	40.429	ug/l	94
6) Chloroethane	1.555	64	136288	43.245	ug/l	100
7) Trichlorofluoromethane	1.722	101	384058	46.036	ug/l	100
8) Diethyl Ether	1.918	74	145870	48.622	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	240000	48.112	ug/l	99
10) Methyl Iodide	2.195	142	266596	46.551	ug/l	99
11) Tert butyl alcohol	2.571	59	329888	270.109	ug/l	100
12) 1,1-Dichloroethene	2.079	96	197720	43.500	ug/l	97
13) Acrolein	2.008	56	42439	240.287	ug/l	97
14) Allyl chloride	2.355	41	347814	48.032	ug/l	99
15) Acrylonitrile	2.671	53	802302	256.707	ug/l	99
16) Acetone	2.118	43	625286	272.393	ug/l	98
17) Carbon Disulfide	2.249	76	320142	33.758	ug/l	99
18) Methyl Acetate	2.378	43	452520	58.264	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	875785	51.390	ug/l	99
20) Methylene Chloride	2.452	84	262492	45.074	ug/l	99
21) trans-1,2-Dichloroethene	2.700	96	207271	42.859	ug/l	97
22) Diisopropyl ether	3.214	45	790197	54.613	ug/l	97
23) Vinyl Acetate	3.188	43	3025288	266.660	ug/l	99
24) 1,1-Dichloroethane	3.114	63	464838	49.055	ug/l	98
25) 2-Butanone	3.863	43	946688	287.728	ug/l	98
26) 2,2-Dichloropropane	3.809	77	420465	50.682	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	276327	49.759	ug/l	99
28) Bromochloromethane	4.143	49	197566	53.866	ug/l	98
29) Tetrahydrofuran	4.233	42	609657	281.142	ug/l	98
30) Chloroform	4.278	83	516028	49.395	ug/l	100
31) Cyclohexane	4.580	56	274427	44.123	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	445037	48.824	ug/l	99
36) 1,1-Dichloropropene	4.741	75	260865	48.000	ug/l	98
37) Ethyl Acetate	3.973	43	352312	55.060	ug/l	98
38) Carbon Tetrachloride	4.732	117	363551	50.360	ug/l	99
39) Methylcyclohexane	6.047	83	304117	47.425	ug/l	99
40) Benzene	5.008	78	926738	50.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	173324	59.021	ug/l	98
42) 1,2-Dichloroethane	5.037	62	354128	50.428	ug/l	100
43) Isopropyl Acetate	5.191	43	554788	54.823	ug/l	100
44) Trichloroethene	5.828	130	230149	47.806	ug/l	97
45) 1,2-Dichloropropane	6.088	63	250560	51.485	ug/l	97
46) Dibromomethane	6.223	93	196030	52.060	ug/l	98
47) Bromodichloromethane	6.426	83	422717	52.897	ug/l	99
48) Methyl methacrylate	6.294	41	259703	59.133	ug/l	99
49) 1,4-Dioxane	6.285	88	109953	1161.980	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2029966	294.595	ug/l	100
52) Toluene	7.307	92	623526	53.724	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	400708	55.416	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	420159	53.752	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	289349	52.159	ug/l	98
56) Ethyl methacrylate	7.715	69	408514	61.969	ug/l	99
57) 1,3-Dichloropropane	7.934	76	454792	54.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	1314962	330.532	ug/l	99
59) 2-Hexanone	8.063	43	1508871	294.156	ug/l	99
60) Dibromochloromethane	8.169	129	347053	53.124	ug/l	98
61) 1,2-Dibromoethane	8.272	107	292462	52.330	ug/l	97
64) Tetrachloroethene	7.895	164	201819	45.168	ug/l	98
65) Chlorobenzene	8.805	112	740741	49.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	296805	49.995	ug/l	100
67) Ethyl Benzene	8.937	91	1200010	54.287	ug/l	100
68) m/p-Xylenes	9.063	106	972188	112.965	ug/l	100
69) o-Xylene	9.468	106	458371	56.430	ug/l	100
70) Styrene	9.484	104	847723	59.049	ug/l	99
71) Bromoform	9.654	173	255284	52.903	ug/l	99
73) Isopropylbenzene	9.857	105	1317894	53.323	ug/l	99
74) N-amyl acetate	9.725	43	505878	55.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	503255	48.613	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	377255	49.054	ug/l	81
77) Bromobenzene	10.140	156	320558	49.444	ug/l	99
78) n-propylbenzene	10.278	91	1575710	54.549	ug/l	99
79) 2-Chlorotoluene	10.349	91	948834	51.650	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1140292	54.710	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	166680	52.889	ug/l	97
82) 4-Chlorotoluene	10.461	91	1129103	54.984	ug/l	99
83) tert-Butylbenzene	10.789	119	1182872	54.131	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1149665	56.058	ug/l	99
85) sec-Butylbenzene	11.014	105	1530393	54.873	ug/l	100
86) p-Isopropyltoluene	11.165	119	1291847	54.556	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	665011	50.252	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	682627	47.420	ug/l	99
89) n-Butylbenzene	11.580	91	1237880	57.265	ug/l	100
90) Hexachloroethane	11.821	117	267776	47.546	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	646316	50.311	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	116283	49.682	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	424773	56.016	ug/l	100
94) Hexachlorobutadiene	13.368	225	190580	48.803	ug/l	98
95) Naphthalene	13.426	128	1516701	60.876	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	446796	56.844	ug/l	100

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

