

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046918.D
 Acq On : 08 Jul 2025 15:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 05:15:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 05:05:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	362846	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	590353	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	517764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	261632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225969	47.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.385	113	193963	48.402	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.800%
50) Toluene-d8	8.647	98	652733	46.166	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.340%
62) 4-Bromofluorobenzene	11.079	95	250972	46.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	177691	51.206	ug/l	100
3) Chloromethane	1.307	50	190654	50.287	ug/l	98
4) Vinyl Chloride	1.386	62	209902	50.840	ug/l	100
5) Bromomethane	1.624	94	130472	49.183	ug/l	98
6) Chloroethane	1.703	64	133713	49.047	ug/l	99
7) Trichlorofluoromethane	1.904	101	326008	51.067	ug/l	100
8) Diethyl Ether	2.142	74	117685	51.802	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	209195	51.426	ug/l	100
10) Methyl Iodide	2.465	142	227588	51.354	ug/l	100
11) Tert butyl alcohol	2.953	59	86542	275.274	ug/l	100
12) 1,1-Dichloroethene	2.331	96	198186	50.371	ug/l	99
13) Acrolein	2.245	56	99415	264.812	ug/l	97
14) Allyl chloride	2.672	41	352321	50.295	ug/l	100
15) Acrylonitrile	3.068	53	480862	264.549	ug/l	100
16) Acetone	2.380	43	374546	251.546	ug/l	99
17) Carbon Disulfide	2.526	76	472056	45.749	ug/l	99
18) Methyl Acetate	2.709	43	225355	57.422	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	578640	52.078	ug/l	97
20) Methylene Chloride	2.800	84	220875	50.165	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	200398	49.775	ug/l	99
22) Diisopropyl ether	3.763	45	710097	52.470	ug/l	98
23) Vinyl Acetate	3.727	43	2642659	260.645	ug/l	100
24) 1,1-Dichloroethane	3.617	63	386352	50.057	ug/l	99
25) 2-Butanone	4.550	43	524207	263.875	ug/l	99
26) 2,2-Dichloropropane	4.483	77	284202	49.477	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	244322	49.704	ug/l	100
28) Bromochloromethane	4.903	49	182053	47.793	ug/l	98
29) Tetrahydrofuran	5.001	42	338336	267.171	ug/l	99
30) Chloroform	5.099	83	388450	49.263	ug/l	99
31) Cyclohexane	5.477	56	327615	47.813	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	326105	49.501	ug/l	99
36) 1,1-Dichloropropene	5.696	75	257525	47.630	ug/l	98
37) Ethyl Acetate	4.714	43	221427	48.084	ug/l	99
38) Carbon Tetrachloride	5.678	117	282428	49.409	ug/l	97
39) Methylcyclohexane	7.379	83	320610	47.404	ug/l	99
40) Benzene	6.037	78	798381	48.820	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	136695	55.645	ug/l	98
42) 1,2-Dichloroethane	6.080	62	275010	49.523	ug/l	100
43) Isopropyl Acetate	6.336	43	371322	52.644	ug/l	100
44) Trichloroethene	7.123	130	200987	47.213	ug/l	99
45) 1,2-Dichloropropane	7.427	63	203895	49.348	ug/l	97
46) Dibromomethane	7.580	93	140505	49.081	ug/l	99
47) Bromodichloromethane	7.818	83	301800	49.373	ug/l	96
48) Methyl methacrylate	7.690	41	193560	53.146	ug/l	99
49) 1,4-Dioxane	7.653	88	46023	1090.583	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	1096533	263.413	ug/l	100
52) Toluene	8.714	92	494100	48.757	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	276793	50.739	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	311692	50.056	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	186413	49.386	ug/l	98
56) Ethyl methacrylate	9.110	69	270424	51.762	ug/l	98
57) 1,3-Dichloropropane	9.305	76	320517	49.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	784077	266.362	ug/l	100
59) 2-Hexanone	9.427	43	738520	267.466	ug/l	99
60) Dibromochloromethane	9.518	129	225081	49.827	ug/l	97
61) 1,2-Dibromoethane	9.604	107	189877	50.088	ug/l	100
64) Tetrachloroethene	9.269	164	162578	47.161	ug/l	97
65) Chlorobenzene	10.073	112	549194	49.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	189875	50.457	ug/l	99
67) Ethyl Benzene	10.189	91	954890	49.810	ug/l	98
68) m/p-Xylenes	10.299	106	720675	99.764	ug/l	99
69) o-Xylene	10.640	106	344580	49.381	ug/l	100
70) Styrene	10.652	104	607563	50.891	ug/l	100
71) Bromoform	10.799	173	141976	50.741	ug/l	99
73) Isopropylbenzene	10.957	105	921548	50.106	ug/l	99
74) N-amyl acetate	10.841	43	323441	51.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	255204	50.462	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209704m	51.874	ug/l	
77) Bromobenzene	11.195	156	223813	48.855	ug/l	98
78) n-propylbenzene	11.299	91	1085556	48.949	ug/l	99
79) 2-Chlorotoluene	11.360	91	640726	48.930	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	742334	49.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	76581	50.835	ug/l	97
82) 4-Chlorotoluene	11.451	91	747366	49.457	ug/l	99
83) tert-Butylbenzene	11.713	119	775554	50.247	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	758029	50.183	ug/l	97
85) sec-Butylbenzene	11.890	105	951381	48.887	ug/l	100
86) p-Isopropyltoluene	12.006	119	809222	49.655	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	420206	49.045	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	417085	46.775	ug/l	100
89) n-Butylbenzene	12.329	91	746162	48.729	ug/l	100
90) Hexachloroethane	12.536	117	141630	49.024	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	400579	48.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44970	50.840	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	271823	48.191	ug/l	99
94) Hexachlorobutadiene	13.719	225	94400	44.378	ug/l	99
95) Naphthalene	13.774	128	773554	52.045	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	258527	48.509	ug/l	98

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

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