

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048563.D
 Acq On : 12 Nov 2025 09:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:22:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	168053	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	278642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123894	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.934	65	108339	46.265	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.361	113	91716	43.489	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.980%
50) Toluene-d8	8.629	98	312401	47.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.061	95	117449	47.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	74953	55.042	ug/l	99
3) Chloromethane	1.301	50	88393	48.941	ug/l	98
4) Vinyl Chloride	1.380	62	103794	50.757	ug/l	98
5) Bromomethane	1.611	94	70626	54.695	ug/l	97
6) Chloroethane	1.691	64	64822	48.403	ug/l	100
7) Trichlorofluoromethane	1.892	101	159394	49.269	ug/l	97
8) Diethyl Ether	2.130	74	66616	51.298	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	94649	50.536	ug/l	99
10) Methyl Iodide	2.453	142	138090	49.820	ug/l	99
11) Tert butyl alcohol	2.934	59	113518	255.831	ug/l	98
12) 1,1-Dichloroethene	2.319	96	95236	48.681	ug/l	99
13) Acrolein	2.233	56	41256	642.610	ug/l	95
14) Allyl chloride	2.660	41	179011	49.147	ug/l	99
15) Acrylonitrile	3.050	53	351942	271.701	ug/l	100
16) Acetone	2.367	43	293921	265.165	ug/l	100
17) Carbon Disulfide	2.514	76	253355	46.022	ug/l	100
18) Methyl Acetate	2.691	43	157884	51.831	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	358408	51.880	ug/l	98
20) Methylene Chloride	2.782	84	111767	49.045	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	100275	48.362	ug/l	98
22) Diisopropyl ether	3.739	45	362083	51.770	ug/l	87
23) Vinyl Acetate	3.703	43	1617560	264.071	ug/l	99
24) 1,1-Dichloroethane	3.599	63	191362	49.864	ug/l	100
25) 2-Butanone	4.526	43	432013	263.462	ug/l	99
26) 2,2-Dichloropropane	4.459	77	158830	48.547	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	123664	48.793	ug/l	98
28) Bromochloromethane	4.879	49	83297	44.183	ug/l	98
29) Tetrahydrofuran	4.971	42	295767	252.899	ug/l	99
30) Chloroform	5.074	83	193225	48.771	ug/l	99
31) Cyclohexane	5.452	56	153589	48.845	ug/l	96
32) 1,1,1-Trichloroethane	5.361	97	165870	47.973	ug/l	99
36) 1,1-Dichloropropene	5.672	75	128334	45.445	ug/l	99
37) Ethyl Acetate	4.684	43	195174	49.099	ug/l	98
38) Carbon Tetrachloride	5.660	117	147817	45.983	ug/l	96
39) Methylcyclohexane	7.360	83	156778	49.444	ug/l	98
40) Benzene	6.019	78	404835	46.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	88184	50.444	ug/l	97
42) 1,2-Dichloroethane	6.062	62	143217	47.751	ug/l	98
43) Isopropyl Acetate	6.312	43	271982	48.674	ug/l	100
44) Trichloroethene	7.104	130	103452	49.443	ug/l	99
45) 1,2-Dichloropropane	7.409	63	104157	51.749	ug/l	99
46) Dibromomethane	7.562	93	77897	53.063	ug/l	98
47) Bromodichloromethane	7.799	83	156711	53.510	ug/l	100
48) Methyl methacrylate	7.671	41	135482	54.542	ug/l	99
49) 1,4-Dioxane	7.635	88	42057	1111.159	ug/l	98
51) 4-Methyl-2-Pentanone	8.549	43	891859	280.392	ug/l	100
52) Toluene	8.696	92	250966	54.455	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	161238	53.431	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	173482	55.519	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	104564	56.788	ug/l	97
56) Ethyl methacrylate	9.098	69	177610	57.977	ug/l	99
57) 1,3-Dichloropropane	9.287	76	174367	54.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	469773	285.229	ug/l	100
59) 2-Hexanone	9.409	43	672635	284.289	ug/l	98
60) Dibromochloromethane	9.500	129	126810	56.093	ug/l	98
61) 1,2-Dibromoethane	9.592	107	112967	56.644	ug/l	100
64) Tetrachloroethene	9.256	164	87372	48.718	ug/l	94
65) Chlorobenzene	10.061	112	284935	48.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	102077	51.982	ug/l	99
67) Ethyl Benzene	10.177	91	482926	49.071	ug/l	98
68) m/p-Xylenes	10.281	106	371283	100.171	ug/l	98
69) o-Xylene	10.622	106	177381	48.914	ug/l	99
70) Styrene	10.634	104	308822	50.766	ug/l	99
71) Bromoform	10.781	173	91596	50.559	ug/l #	99
73) Isopropylbenzene	10.945	105	459039	51.044	ug/l	100
74) N-amyl acetate	10.823	43	227306	50.339	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	158775	50.065	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	133797m	44.826	ug/l	
77) Bromobenzene	11.177	156	117077	50.417	ug/l	100
78) n-propylbenzene	11.287	91	539641	51.033	ug/l	99
79) 2-Chlorotoluene	11.348	91	317700	49.720	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	372484	50.808	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	56132	53.791	ug/l #	91
82) 4-Chlorotoluene	11.433	91	377673	50.388	ug/l	99
83) tert-Butylbenzene	11.695	119	389804	51.407	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	379754	51.339	ug/l	100
85) sec-Butylbenzene	11.872	105	470949	50.251	ug/l	100
86) p-Isopropyltoluene	11.988	119	398406	50.565	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	215145	49.432	ug/l	100
88) 1,4-Dichlorobenzene	12.018	146	217566	48.395	ug/l	99
89) n-Butylbenzene	12.311	91	374090	50.611	ug/l	100
90) Hexachloroethane	12.518	117	73049	48.661	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	206667	49.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36888	50.052	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	134042	48.278	ug/l	99
94) Hexachlorobutadiene	13.707	225	55783	48.062	ug/l	98
95) Naphthalene	13.756	128	467461	52.367	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	128487	49.753	ug/l	100

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

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