

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048866.D
 Acq On : 15 Dec 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
 Supervised By :Semsettin Yesilyurt 12/16/2025

Quant Time: Dec 16 00:10:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	163589	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.733	114	267535	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.031	117	239220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	113643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	112202	51.102	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.200%	
35) Dibromofluoromethane	5.361	113	98476	53.459	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.920%	
50) Toluene-d8	8.629	98	326388	50.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	11.061	95	113710	51.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	100147	60.084	ug/l	99
3) Chloromethane	1.301	50	112312	53.398	ug/l	100
4) Vinyl Chloride	1.380	62	111798	49.909	ug/l	99
5) Bromomethane	1.618	94	74544	53.850	ug/l	98
6) Chloroethane	1.697	64	71031	50.950	ug/l	95
7) Trichlorofluoromethane	1.898	101	161580	50.329	ug/l	98
8) Diethyl Ether	2.130	74	61856	48.271	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	91021	48.905	ug/l	99
10) Methyl Iodide	2.453	142	137664	51.955	ug/l	99
11) Tert butyl alcohol	2.922	59	29069	82.002	ug/l	99
12) 1,1-Dichloroethene	2.325	96	91895	48.376	ug/l	97
13) Acrolein	2.233	56	37615	132.417	ug/l	97
14) Allyl chloride	2.660	41	173161	54.295	ug/l	95
15) Acrylonitrile	3.044	53	186488	168.833	ug/l	99
16) Acetone	2.367	43	89291	106.230	ug/l	99
17) Carbon Disulfide	2.514	76	264047	47.865	ug/l	98
18) Methyl Acetate	2.691	43	81982	34.665	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	294976	47.714	ug/l	100
20) Methylene Chloride	2.782	84	116025	55.225	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	101752	52.482	ug/l	99
22) Diisopropyl ether	3.739	45	364371	61.131	ug/l	89
23) Vinyl Acetate	3.703	43	1276316	254.838	ug/l	96
24) 1,1-Dichloroethane	3.599	63	193542	58.228	ug/l	99
25) 2-Butanone	4.526	43	158879	128.070	ug/l	93
26) 2,2-Dichloropropane	4.452	77	161822	55.022	ug/l	99
27) cis-1,2-Dichloroethene	4.465	96	123173	56.300	ug/l	95
28) Bromochloromethane	4.873	49	93530	57.410	ug/l	86
29) Tetrahydrofuran	4.971	42	120852	127.580	ug/l	94
30) Chloroform	5.068	83	198791	55.817	ug/l	100
31) Cyclohexane	5.446	56	136384	45.957	ug/l	93
32) 1,1,1-Trichloroethane	5.361	97	164949	51.690	ug/l	97
36) 1,1-Dichloropropene	5.666	75	119107	47.208	ug/l	99
37) Ethyl Acetate	4.684	43	95642	31.725	ug/l	97
38) Carbon Tetrachloride	5.653	117	140632	49.210	ug/l	96
39) Methylcyclohexane	7.360	83	128715	43.144	ug/l	95
40) Benzene	6.013	78	396170	52.969	ug/l	98

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41) Methacrylonitrile	4.891	41	54265	39.561	ug/l	93
42) 1,2-Dichloroethane	6.056	62	138834	52.445	ug/l	98
43) Isopropyl Acetate	6.306	43	153925	33.719	ug/l	97
44) Trichloroethene	7.104	130	98105	50.270	ug/l	97
45) 1,2-Dichloropropane	7.403	63	101227	54.150	ug/l	98
46) Dibromomethane	7.556	93	69210	48.821	ug/l	98
47) Bromodichloromethane	7.799	83	158166	53.513	ug/l	98
48) Methyl methacrylate	7.665	41	79977	34.828	ug/l	97
49) 1,4-Dioxane	7.635	88	13814	437.402	ug/l #	92
51) 4-Methyl-2-Pentanone	8.549	43	415309	146.572	ug/l	97
52) Toluene	8.696	92	240361	53.294	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	148705	52.885	ug/l	100
54) cis-1,3-Dichloropropene	8.342	75	166438	55.077	ug/l	98
55) 1,1,2-Trichloroethane	9.128	97	89316	49.219	ug/l	97
56) Ethyl methacrylate	9.098	69	117901	41.508	ug/l	97
57) 1,3-Dichloropropane	9.287	76	152563	50.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	349347	227.558	ug/l	98
59) 2-Hexanone	9.409	43	257040	129.228	ug/l	96
60) Dibromochloromethane	9.500	129	112507	50.139	ug/l	97
61) 1,2-Dibromoethane	9.586	107	89200	45.417	ug/l	99
64) Tetrachloroethene	9.256	164	77802	44.619	ug/l	97
65) Chlorobenzene	10.061	112	263692	50.359	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.140	131	97089	51.839	ug/l	98
67) Ethyl Benzene	10.171	91	439556	51.443	ug/l	99
68) m/p-Xylenes	10.281	106	336900	101.221	ug/l	99
69) o-Xylene	10.622	106	162263	52.027	ug/l	99
70) Styrene	10.634	104	284943	53.219	ug/l	100
71) Bromoform	10.781	173	66513	39.779	ug/l #	98
73) Isopropylbenzene	10.939	105	404804	52.859	ug/l	99
74) N-amyl acetate	10.823	43	132653	39.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.189	83	95582	36.990	ug/l	97
76) 1,2,3-Trichloropropane	11.220	75	91976m	43.454	ug/l	
77) Bromobenzene	11.177	156	105354	51.542	ug/l	99
78) n-propylbenzene	11.281	91	474060	53.448	ug/l	100
79) 2-Chlorotoluene	11.341	91	289221	53.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	331163	52.608	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	31961	35.868	ug/l #	75
82) 4-Chlorotoluene	11.433	91	340132	53.890	ug/l	99
83) tert-Butylbenzene	11.695	119	327455	50.063	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	336496	52.992	ug/l	100
85) sec-Butylbenzene	11.872	105	397572	50.154	ug/l	99
86) p-Isopropyltoluene	11.988	119	339473	50.101	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	192340	51.044	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	194154	49.861	ug/l	100
89) n-Butylbenzene	12.311	91	309663	48.811	ug/l	99
90) Hexachloroethane	12.518	117	67110	48.527	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	184363	50.466	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	16126	25.642	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	111071	46.035	ug/l	99
94) Hexachlorobutadiene	13.701	225	44504	44.593	ug/l	96
95) Naphthalene	13.756	128	261628	39.703	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	96295	43.276	ug/l	98

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

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