

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048549.D
 Acq On : 11 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 12 04:39:47 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	181006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	289835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	117674	46.656	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.320%		
35) Dibromofluoromethane	5.361	113	101428	46.237	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.480%		
50) Toluene-d8	8.629	98	347402	50.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.560%		
62) 4-Bromofluorobenzene	11.061	95	127579	50.038	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	84413	57.553	ug/l	100
3) Chloromethane	1.301	50	95483	49.083	ug/l	100
4) Vinyl Chloride	1.380	62	108011	49.039	ug/l	98
5) Bromomethane	1.611	94	72795	52.341	ug/l	95
6) Chloroethane	1.691	64	65499	45.408	ug/l	97
7) Trichlorofluoromethane	1.892	101	168738	48.425	ug/l	99
8) Diethyl Ether	2.130	74	68279	48.816	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	103600	51.356	ug/l	99
10) Methyl Iodide	2.453	142	145352	48.687	ug/l	99
11) Tert butyl alcohol	2.934	59	110639	231.500	ug/l	98
12) 1,1-Dichloroethene	2.325	96	102193	48.499	ug/l	95
13) Acrolein	2.233	56	44548	644.231	ug/l	97
14) Allyl chloride	2.660	41	180380	45.979	ug/l	99
15) Acrylonitrile	3.050	53	352100	252.371	ug/l	100
16) Acetone	2.367	43	321308	269.129	ug/l	99
17) Carbon Disulfide	2.514	76	271299	45.755	ug/l	99
18) Methyl Acetate	2.691	43	148062	45.128	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	368657	49.545	ug/l	100
20) Methylene Chloride	2.782	84	114295	46.565	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	107635	48.196	ug/l	97
22) Diisopropyl ether	3.745	45	362407	48.109	ug/l	95
23) Vinyl Acetate	3.703	43	1615711	244.894	ug/l	100
24) 1,1-Dichloroethane	3.599	63	195251	47.237	ug/l	99
25) 2-Butanone	4.526	43	437429	247.675	ug/l	100
26) 2,2-Dichloropropane	4.459	77	166386	47.217	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	130727	47.889	ug/l	98
28) Bromochloromethane	4.873	49	90715	44.675	ug/l	97
29) Tetrahydrofuran	4.977	42	296740	235.574	ug/l	99
30) Chloroform	5.074	83	200870	47.073	ug/l	98
31) Cyclohexane	5.446	56	164598	48.600	ug/l	97
32) 1,1,1-Trichloroethane	5.361	97	178780	48.006	ug/l	99
36) 1,1-Dichloropropene	5.672	75	136017	46.305	ug/l	99
37) Ethyl Acetate	4.684	43	200610	48.518	ug/l	99
38) Carbon Tetrachloride	5.660	117	158683	47.456	ug/l	98
39) Methylcyclohexane	7.360	83	172712	52.366	ug/l	97
40) Benzene	6.019	78	421485	46.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	90489	49.764	ug/l	98
42) 1,2-Dichloroethane	6.062	62	147507	47.282	ug/l	100
43) Isopropyl Acetate	6.312	43	271243	46.667	ug/l	99
44) Trichloroethene	7.104	130	110527	50.784	ug/l	97
45) 1,2-Dichloropropane	7.409	63	106703	50.967	ug/l	99
46) Dibromomethane	7.562	93	80349	52.619	ug/l	99
47) Bromodichloromethane	7.799	83	161608	53.051	ug/l	98
48) Methyl methacrylate	7.671	41	134101	51.902	ug/l	99
49) 1,4-Dioxane	7.635	88	42128	1070.051	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	892331	269.707	ug/l	99
52) Toluene	8.696	92	265187	55.319	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	167305	53.300	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	178351	54.873	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	108792	56.803	ug/l	97
56) Ethyl methacrylate	9.098	69	181616	56.995	ug/l	98
57) 1,3-Dichloropropane	9.287	76	181544	54.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	519188	303.058	ug/l	98
59) 2-Hexanone	9.409	43	663367	269.544	ug/l	99
60) Dibromochloromethane	9.500	129	134047	57.004	ug/l	99
61) 1,2-Dibromoethane	9.592	107	118197	56.978	ug/l	99
64) Tetrachloroethene	9.256	164	94591	51.608	ug/l	95
65) Chlorobenzene	10.061	112	300089	50.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.140	131	104554	52.098	ug/l	99
67) Ethyl Benzene	10.177	91	503070	50.018	ug/l	95
68) m/p-Xylenes	10.281	106	388150	102.468	ug/l	99
69) o-Xylene	10.622	106	188033	50.735	ug/l	99
70) Styrene	10.634	104	323065	51.964	ug/l	99
71) Bromoform	10.781	173	95564	51.614	ug/l	100
73) Isopropylbenzene	10.945	105	485332	51.515	ug/l	100
74) N-amyl acetate	10.823	43	228279	48.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	165163	49.712	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	158487m	50.685	ug/l	
77) Bromobenzene	11.177	156	123289	50.679	ug/l	99
78) n-propylbenzene	11.287	91	561861	50.719	ug/l	99
79) 2-Chlorotoluene	11.348	91	334184	49.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	392309	51.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	57541	52.635	ug/l	94
82) 4-Chlorotoluene	11.433	91	394909	50.293	ug/l	100
83) tert-Butylbenzene	11.695	119	415526	52.308	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	398772	51.459	ug/l	99
85) sec-Butylbenzene	11.872	105	504559	51.391	ug/l	100
86) p-Isopropyltoluene	11.988	119	427948	51.845	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	230048	50.454	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	231812	49.220	ug/l	100
89) n-Butylbenzene	12.311	91	393463	50.813	ug/l	99
90) Hexachloroethane	12.518	117	80049	50.900	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	217036	49.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	38380	49.709	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	146240	50.278	ug/l	99
94) Hexachlorobutadiene	13.707	225	60977	50.150	ug/l	98
95) Naphthalene	13.756	128	490084	52.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	136264	50.366	ug/l	100

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

