

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048445.D
 Acq On : 03 Nov 2025 09:14
 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 11/04/2025
 Supervised By :mohammad ahmed 11/04/2025

Quant Time: Nov 04 00:07:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	182398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	256609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	116056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	118382	45.129	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.260%		
35) Dibromofluoromethane	5.361	113	88789	60.689	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	121.380%		
50) Toluene-d8	8.629	98	321993	49.858	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.061	95	136256	56.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	80323	43.172	ug/l	98
3) Chloromethane	1.301	50	47366	45.122	ug/l	100
4) Vinyl Chloride	1.380	62	115770	47.743	ug/l	98
5) Bromomethane	1.618	94	45510	51.955	ug/l	98
6) Chloroethane	1.697	64	68875	47.761	ug/l	97
7) Trichlorofluoromethane	1.892	101	173736	46.755	ug/l	98
8) Diethyl Ether	2.130	74	69422	51.692	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	103874	49.697	ug/l	95
10) Methyl Iodide	2.453	142	335677	39.939	ug/l	97
11) Tert butyl alcohol	2.934	59	41547	206.732	ug/l	99
12) 1,1-Dichloroethene	2.325	96	108150	50.941	ug/l	85
13) Acrolein	2.233	56	106478	253.826	ug/l	98
14) Allyl chloride	2.660	41	148787	41.384	ug/l	93
15) Acrylonitrile	3.050	53	188540	206.221	ug/l	98
16) Acetone	2.368	43	141878	238.641	ug/l	98
17) Carbon Disulfide	2.514	76	257433	42.290	ug/l	100
18) Methyl Acetate	2.691	43	83551	42.019	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	301094	44.288	ug/l	97
20) Methylene Chloride	2.782	84	99078	43.232	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	95232	42.231	ug/l	98
22) Diisopropyl ether	3.739	45	322329	43.800	ug/l	96
23) Vinyl Acetate	3.703	43	1125255	224.625	ug/l	99
24) 1,1-Dichloroethane	3.599	63	180483	43.215	ug/l	99
25) 2-Butanone	4.532	43	198913	209.435	ug/l	100
26) 2,2-Dichloropropane	4.459	77	161000	44.773	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	111359	41.377	ug/l	96
28) Bromochloromethane	4.873	49	100275	52.979	ug/l	91
29) Tetrahydrofuran	4.977	42	145571	215.222	ug/l	93
30) Chloroform	5.068	83	198984	46.316	ug/l	99
31) Cyclohexane	5.452	56	161912	44.663	ug/l	94
32) 1,1,1-Trichloroethane	5.361	97	182932	48.232	ug/l	100
36) 1,1-Dichloropropene	5.672	75	136164	55.422	ug/l	99
37) Ethyl Acetate	4.684	43	104468	49.908	ug/l #	95
38) Carbon Tetrachloride	5.660	117	156186	55.059	ug/l	99
39) Methylcyclohexane	7.361	83	140593	44.499	ug/l	95
40) Benzene	6.013	78	434013	57.824	ug/l	98

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41) Methacrylonitrile	4.891	41	63412	60.144	ug/l	96
42) 1,2-Dichloroethane	6.062	62	152527	57.694	ug/l	99
43) Isopropyl Acetate	6.312	43	173495	50.203	ug/l	99
44) Trichloroethene	7.104	130	93867	47.733	ug/l	95
45) 1,2-Dichloropropane	7.409	63	90739	48.407	ug/l	99
46) Dibromomethane	7.562	93	68145	51.930	ug/l	98
47) Bromodichloromethane	7.799	83	149137	53.490	ug/l	95
48) Methyl methacrylate	7.671	41	86418	51.278	ug/l	96
49) 1,4-Dioxane	7.635	88	19570	1021.643	ug/l	90
51) 4-Methyl-2-Pentanone	8.549	43	465409	241.985	ug/l	100
52) Toluene	8.702	92	225707	48.125	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	132742	52.527	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	139107	51.090	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	82677	48.713	ug/l	98
56) Ethyl methacrylate	9.098	69	120750	48.587	ug/l	96
57) 1,3-Dichloropropane	9.287	76	143672	48.821	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.220	63	365937	247.323	ug/l	98
59) 2-Hexanone	9.409	43	301500	240.921	ug/l	100
60) Dibromochloromethane	9.500	129	107504	51.215	ug/l	98
61) 1,2-Dibromoethane	9.592	107	87633	49.910	ug/l	96
64) Tetrachloroethene	9.257	164	85963	46.413	ug/l	94
65) Chlorobenzene	10.061	112	247361	46.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.140	131	90612	50.277	ug/l	99
67) Ethyl Benzene	10.177	91	432029	48.428	ug/l	99
68) m/p-Xylenes	10.281	106	324026	95.928	ug/l	99
69) o-Xylene	10.622	106	155411	48.147	ug/l	98
70) Styrene	10.634	104	269453	49.278	ug/l	99
71) Bromoform	10.781	173	65717	50.406	ug/l #	99
73) Isopropylbenzene	10.945	105	467537	54.466	ug/l	99
74) N-amyl acetate	10.823	43	147742	48.246	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	116039	53.369	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	94762m	56.776	ug/l	
77) Bromobenzene	11.177	156	119277	56.251	ug/l	94
78) n-propylbenzene	11.287	91	549175	54.130	ug/l	97
79) 2-Chlorotoluene	11.342	91	299997	49.249	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	349288	49.639	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	27304	56.613	ug/l #	58
82) 4-Chlorotoluene	11.433	91	341305	47.662	ug/l	96
83) tert-Butylbenzene	11.695	119	327090	45.660	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	337416	48.429	ug/l	98
85) sec-Butylbenzene	11.872	105	410644	46.005	ug/l	99
86) p-Isopropyltoluene	11.988	119	358216	47.470	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	191099	47.190	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	191596	46.453	ug/l	99
89) n-Butylbenzene	12.311	91	315963	44.596	ug/l	97
90) Hexachloroethane	12.518	117	66425	50.095	ug/l	93
91) 1,2-Dichlorobenzene	12.317	146	180428	48.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20735	48.700	ug/l	89
93) 1,2,4-Trichlorobenzene	13.567	180	116787	45.100	ug/l	99
94) Hexachlorobutadiene	13.707	225	45216	41.627	ug/l	99
95) Naphthalene	13.756	128	299390	45.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	107645	45.765	ug/l	98

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

