

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048203.D
 Acq On : 17 Oct 2025 10:36
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 17 23:54:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	210821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	188406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90909	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	274559	150.569	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 301.140%#			
35) Dibromofluoromethane	5.373	113	210113	143.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.200%#			
50) Toluene-d8	8.635	98	800240	151.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 303.640%#			
62) 4-Bromofluorobenzene	11.061	95	297432	154.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.840%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	191262	154.821	ug/l	97
3) Chloromethane	1.301	50	233858	156.258	ug/l	100
4) Vinyl Chloride	1.380	62	252817	160.313	ug/l	100
5) Bromomethane	1.605	94	147750m	143.112	ug/l	
6) Chloroethane	1.691	64	152304	151.760	ug/l	96
7) Trichlorofluoromethane	1.892	101	377782	152.619	ug/l	100
8) Diethyl Ether	2.136	74	132579	157.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	209786	150.397	ug/l	100
10) Methyl Iodide	2.453	142	294909	176.512	ug/l	99
11) Tert butyl alcohol	2.953	59	97891	809.075	ug/l	99
12) 1,1-Dichloroethene	2.325	96	217022	159.115	ug/l	95
13) Acrolein	2.233	56	201849	793.819	ug/l	99
14) Allyl chloride	2.666	41	397515	162.023	ug/l	99
15) Acrylonitrile	3.056	53	495164	854.076	ug/l	100
16) Acetone	2.374	43	443536	713.033	ug/l	99
17) Carbon Disulfide	2.514	76	645532	153.827	ug/l	99
18) Methyl Acetate	2.697	43	208225	164.350	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	694786	169.112	ug/l	99
20) Methylene Chloride	2.788	84	241039	159.065	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	228947	162.254	ug/l	98
22) Diisopropyl ether	3.751	45	784834	163.368	ug/l	100
23) Vinyl Acetate	3.715	43	3085268	858.886	ug/l	100
24) 1,1-Dichloroethane	3.605	63	429425	157.560	ug/l	100
25) 2-Butanone	4.538	43	585250	807.571	ug/l	98
26) 2,2-Dichloropropane	4.465	77	369019	158.405	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	271629	162.203	ug/l	99
28) Bromochloromethane	4.885	49	212685	169.292	ug/l	96
29) Tetrahydrofuran	4.983	42	355888	836.226	ug/l	99
30) Chloroform	5.080	83	438527	152.827	ug/l	98
31) Cyclohexane	5.458	56	320574	143.749	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	346247	146.860	ug/l	99
36) 1,1-Dichloropropene	5.684	75	274873	133.359	ug/l	100
37) Ethyl Acetate	4.696	43	263583	160.015	ug/l	100
38) Carbon Tetrachloride	5.666	117	315826	133.495	ug/l	99
39) Methylcyclohexane	7.367	83	357557	153.856	ug/l	96
40) Benzene	6.025	78	906330	148.085	ug/l	98

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41) Methacrylonitrile	4.910	41	143876	163.089	ug/l	98
42) 1,2-Dichloroethane	6.074	62	321581	146.655	ug/l	98
43) Isopropyl Acetate	6.324	43	445943	161.273	ug/l	98
44) Trichloroethene	7.111	130	226452	146.811	ug/l	97
45) 1,2-Dichloropropane	7.415	63	231605	149.522	ug/l	99
46) Dibromomethane	7.568	93	164711	147.789	ug/l	99
47) Bromodichloromethane	7.806	83	356656	148.066	ug/l	99
48) Methyl methacrylate	7.678	41	229909	162.424	ug/l	98
49) 1,4-Dioxane	7.647	88	41831	3283.029	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	1217261	791.106	ug/l	98
52) Toluene	8.702	92	565979	153.859	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	365322	161.891	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	391297	159.088	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	203730	148.432	ug/l	99
56) Ethyl methacrylate	9.104	69	322997	173.022	ug/l	99
57) 1,3-Dichloropropane	9.293	76	361920	150.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	899124	751.288	ug/l	100
59) 2-Hexanone	9.415	43	849774	789.557	ug/l	98
60) Dibromochloromethane	9.506	129	261816	152.397	ug/l	100
61) 1,2-Dibromoethane	9.592	107	214969	152.744	ug/l	98
64) Tetrachloroethene	9.256	164	187250	141.745	ug/l	99
65) Chlorobenzene	10.061	112	618687	150.186	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	217603	146.584	ug/l	100
67) Ethyl Benzene	10.177	91	1093674	154.857	ug/l	99
68) m/p-Xylenes	10.287	106	812262	308.720	ug/l	98
69) o-Xylene	10.622	106	390402	157.625	ug/l	99
70) Styrene	10.640	104	679119	159.295	ug/l	99
71) Bromoform	10.781	173	163653	150.124	ug/l #	98
73) Isopropylbenzene	10.945	105	1000890	158.294	ug/l	100
74) N-amyl acetate	10.823	43	400695	169.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	269668	150.544	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	213642m	153.898	ug/l	
77) Bromobenzene	11.183	156	244233	154.353	ug/l	100
78) n-propylbenzene	11.287	91	1193225	155.616	ug/l	99
79) 2-Chlorotoluene	11.348	91	703746	151.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	821868	158.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	97497	171.972	ug/l	99
82) 4-Chlorotoluene	11.439	91	847504	155.674	ug/l	100
83) tert-Butylbenzene	11.695	119	832967	158.856	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	818722	158.416	ug/l	99
85) sec-Butylbenzene	11.872	105	1003314	156.515	ug/l	99
86) p-Isopropyltoluene	11.994	119	839384	155.346	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	447676	151.287	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	450413	146.840	ug/l	99
89) n-Butylbenzene	12.311	91	790908	157.153	ug/l	99
90) Hexachloroethane	12.518	117	168545	147.787	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	429167	153.505	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	53414	163.187	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	272260	164.961	ug/l	100
94) Hexachlorobutadiene	13.707	225	95077	149.369	ug/l	98
95) Naphthalene	13.756	128	793583	182.408	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	253674	166.587	ug/l	98

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

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