

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
 Data File : VX048719.D
 Acq On : 04 Dec 2025 10:38
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 05 02:10:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 02:05:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2025
 Supervised By : Semsettin Yesilyurt 12/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	161225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	266084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103615	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	336173	155.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 310.700%#			
35) Dibromofluoromethane	5.373	113	284768	155.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.860%#			
50) Toluene-d8	8.635	98	980276	152.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 305.280%#			
62) 4-Bromofluorobenzene	11.061	95	311931	140.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 281.720%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	260977	158.870	ug/l	99
3) Chloromethane	1.301	50	321280	154.990	ug/l	99
4) Vinyl Chloride	1.380	62	340742	154.345	ug/l	99
5) Bromomethane	1.605	94	163576	119.898	ug/l	100
6) Chloroethane	1.685	64	203254	147.930	ug/l	98
7) Trichlorofluoromethane	1.892	101	488765	154.472	ug/l	97
8) Diethyl Ether	2.136	74	189537	150.080	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	282907	154.231	ug/l	99
10) Methyl Iodide	2.453	142	431805	165.355	ug/l	100
11) Tert butyl alcohol	2.977	59	236315	676.410	ug/l	100
12) 1,1-Dichloroethene	2.325	96	289225	154.488	ug/l	97
13) Acrolein	2.233	56	287608	755.796	ug/l	99
14) Allyl chloride	2.666	41	386590	122.993	ug/l	96
15) Acrylonitrile	3.056	53	695550	638.935	ug/l	99
16) Acetone	2.373	43	617325	745.203	ug/l	99
17) Carbon Disulfide	2.514	76	813894	149.701	ug/l	99
18) Methyl Acetate	2.697	43	290410	124.598	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	820601	134.683	ug/l	97
20) Methylene Chloride	2.788	84	258488	124.837	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	253511	132.675	ug/l	93
22) Diisopropyl ether	3.751	45	760942	129.535	ug/l	98
23) Vinyl Acetate	3.715	43	3401948	689.215	ug/l	100
24) 1,1-Dichloroethane	3.605	63	441859	134.884	ug/l	99
25) 2-Butanone	4.544	43	831570	680.145	ug/l	100
26) 2,2-Dichloropropane	4.471	77	405592	139.930	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	304797	141.360	ug/l	100
28) Bromochloromethane	4.891	49	233635	145.511	ug/l	95
29) Tetrahydrofuran	4.983	42	740891	793.604	ug/l	96
30) Chloroform	5.080	83	542284	154.495	ug/l	99
31) Cyclohexane	5.464	56	457324	156.365	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	494982	157.387	ug/l	98
36) 1,1-Dichloropropene	5.684	75	374749	149.343	ug/l	99
37) Ethyl Acetate	4.696	43	374331	124.844	ug/l	97
38) Carbon Tetrachloride	5.666	117	429152	150.987	ug/l	97
39) Methylcyclohexane	7.367	83	475877	160.380	ug/l	99
40) Benzene	6.025	78	1152810	154.974	ug/l	99

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41) Methacrylonitrile	4.910	41	210934	154.617	ug/l	99
42) 1,2-Dichloroethane	6.074	62	400347	152.058	ug/l	98
43) Isopropyl Acetate	6.324	43	726750	160.070	ug/l	99
44) Trichloroethene	7.110	130	308803	159.098	ug/l	99
45) 1,2-Dichloropropane	7.415	63	287426	154.593	ug/l	99
46) Dibromomethane	7.568	93	216552	153.589	ug/l	98
47) Bromodichloromethane	7.805	83	440047	149.695	ug/l	97
48) Methyl methacrylate	7.677	41	361697	158.368	ug/l	99
49) 1,4-Dioxane	7.653	88	102268	3255.837	ug/l	96
51) 4-Methyl-2-Pentanone	8.561	43	2202246	781.463	ug/l	99
52) Toluene	8.702	92	709062	158.073	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	463456	165.721	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	489309	162.802	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	277366	153.680	ug/l	98
56) Ethyl methacrylate	9.104	69	481264	170.358	ug/l	97
57) 1,3-Dichloropropane	9.293	76	462553	154.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	1324521	867.473	ug/l	99
59) 2-Hexanone	9.415	43	1628603	823.253	ug/l	99
60) Dibromochloromethane	9.506	129	344385	154.312	ug/l	99
61) 1,2-Dibromoethane	9.592	107	296681	151.881	ug/l	99
64) Tetrachloroethene	9.256	164	249690	168.852	ug/l	99
65) Chlorobenzene	10.061	112	677420	152.550	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	249387	157.014	ug/l	99
67) Ethyl Benzene	10.177	91	1156627	159.619	ug/l	99
68) m/p-Xylenes	10.287	106	895563	317.279	ug/l	97
69) o-Xylene	10.622	106	433369	163.848	ug/l	97
70) Styrene	10.640	104	744510	163.967	ug/l	99
71) Bromoform	10.781	173	240629	169.697	ug/l	100
73) Isopropylbenzene	10.945	105	1114762	159.651	ug/l	100
74) N-amyl acetate	10.829	43	488735	161.092	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	363135	154.132	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	281629m	141.666	ug/l	
77) Bromobenzene	11.183	156	299915	160.928	ug/l	95
78) n-propylbenzene	11.287	91	1284705	158.861	ug/l	98
79) 2-Chlorotoluene	11.348	91	774892	157.137	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	925692	161.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	138844	170.898	ug/l	86
82) 4-Chlorotoluene	11.439	91	912659	158.596	ug/l	98
83) tert-Butylbenzene	11.695	119	977059	163.836	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	944577	163.151	ug/l	99
85) sec-Butylbenzene	11.872	105	1158976	160.357	ug/l	98
86) p-Isopropyltoluene	11.994	119	1005907	162.823	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	545971	158.914	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	551782	155.418	ug/l	98
89) n-Butylbenzene	12.317	91	904369	156.349	ug/l	99
90) Hexachloroethane	12.518	117	223207	177.022	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	522301	156.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	103188	179.963	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	402548	182.988	ug/l	98
94) Hexachlorobutadiene	13.707	225	143127	157.291	ug/l	98
95) Naphthalene	13.756	128	1330400	150.662	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	373809	184.254	ug/l	99

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

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