

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046522.D
 Acq On : 06 Jun 2025 11:25
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 06 16:42:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	78828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	138158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58605	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	212938	151.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 303.660%#			
35) Dibromofluoromethane	5.404	113	156990	154.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 309.040%#			
50) Toluene-d8	8.653	98	505724	150.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 301.960%#			
62) 4-Bromofluorobenzene	11.079	95	207701	149.867	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 299.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	154709	141.368	ug/l	97
3) Chloromethane	1.307	50	145250	145.815	ug/l	98
4) Vinyl Chloride	1.386	62	147097	148.135	ug/l	98
5) Bromomethane	1.612	94	56077	93.023	ug/l	97
6) Chloroethane	1.691	64	88121	136.776	ug/l	98
7) Trichlorofluoromethane	1.898	101	244494	148.815	ug/l	98
8) Diethyl Ether	2.148	74	87079	150.009	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	151059	145.936	ug/l	98
10) Methyl Iodide	2.465	142	185045	164.913	ug/l	99
11) Tert butyl alcohol	2.983	59	134861	866.618	ug/l	100
12) 1,1-Dichloroethene	2.331	96	138358	147.838	ug/l	99
13) Acrolein	2.252	56	160165	778.853	ug/l	100
14) Allyl chloride	2.678	41	267359	145.460	ug/l	93
15) Acrylonitrile	3.081	53	476614	810.040	ug/l	99
16) Acetone	2.398	43	425579	763.161	ug/l	98
17) Carbon Disulfide	2.526	76	304498	152.815	ug/l	99
18) Methyl Acetate	2.721	43	292598	175.157	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	533557	162.931	ug/l	99
20) Methylene Chloride	2.806	84	160400	142.563	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	140409	141.768	ug/l	98
22) Diisopropyl ether	3.782	45	574529	158.547	ug/l	# 84
23) Vinyl Acetate	3.739	43	2294131	820.000	ug/l	100
24) 1,1-Dichloroethane	3.629	63	306779	151.900	ug/l	99
25) 2-Butanone	4.574	43	643633	824.425	ug/l	99
26) 2,2-Dichloropropane	4.495	77	241718	161.222	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	181365	148.753	ug/l	98
28) Bromochloromethane	4.916	49	139177	144.483	ug/l	99
29) Tetrahydrofuran	5.019	42	404249	819.909	ug/l	99
30) Chloroform	5.111	83	319000	150.747	ug/l	96
31) Cyclohexane	5.489	56	240734	147.652	ug/l	98
32) 1,1,1-Trichloroethane	5.404	97	280921	155.193	ug/l	97
36) 1,1-Dichloropropene	5.708	75	201157	138.605	ug/l	99
37) Ethyl Acetate	4.733	43	247037	174.441	ug/l	100
38) Carbon Tetrachloride	5.696	117	240128	147.722	ug/l	100
39) Methylcyclohexane	7.391	83	243263	142.009	ug/l	96
40) Benzene	6.056	78	597704	146.294	ug/l	99

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41) Methacrylonitrile	4.934	41	142496	162.001	ug/l	97
42) 1,2-Dichloroethane	6.105	62	249510	146.794	ug/l	98
43) Isopropyl Acetate	6.355	43	415327	168.193	ug/l	99
44) Trichloroethene	7.135	130	146894	141.503	ug/l	98
45) 1,2-Dichloropropane	7.440	63	161815	153.441	ug/l	96
46) Dibromomethane	7.586	93	118718	149.642	ug/l	98
47) Bromodichloromethane	7.830	83	256187	157.050	ug/l	99
48) Methyl methacrylate	7.702	41	214089	168.505	ug/l	97
49) 1,4-Dioxane	7.671	88	57504	3384.526	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1262813	804.759	ug/l	99
52) Toluene	8.720	92	368137	146.666	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	249298	170.450	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	262248	161.266	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	154220	153.049	ug/l	98
56) Ethyl methacrylate	9.122	69	261827	168.851	ug/l	97
57) 1,3-Dichloropropane	9.311	76	263879	148.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	676448	800.891	ug/l	100
59) 2-Hexanone	9.433	43	908142	806.953	ug/l	98
60) Dibromochloromethane	9.525	129	185185	156.239	ug/l	99
61) 1,2-Dibromoethane	9.610	107	156873	149.399	ug/l	97
64) Tetrachloroethene	9.275	164	114275	140.948	ug/l	96
65) Chlorobenzene	10.080	112	414361	145.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	152702	158.472	ug/l	99
67) Ethyl Benzene	10.195	91	742300	149.114	ug/l	100
68) m/p-Xylenes	10.305	106	537140	297.452	ug/l	99
69) o-Xylene	10.640	106	263508	150.865	ug/l	99
70) Styrene	10.653	104	457350	152.965	ug/l	99
71) Bromoform	10.799	173	121843	165.836	ug/l #	97
73) Isopropylbenzene	10.964	105	714594	155.114	ug/l	100
74) N-amyl acetate	10.842	43	354967	174.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	229605	155.706	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	191913m	152.081	ug/l	
77) Bromobenzene	11.195	156	163113	152.540	ug/l	99
78) n-propylbenzene	11.305	91	846247	151.764	ug/l	99
79) 2-Chlorotoluene	11.366	91	503830	149.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	582683	151.781	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	77638	180.416	ug/l	91
82) 4-Chlorotoluene	11.451	91	585232	146.836	ug/l	98
83) tert-Butylbenzene	11.713	119	612111	156.630	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	590035	151.929	ug/l	100
85) sec-Butylbenzene	11.890	105	761909	151.730	ug/l	100
86) p-Isopropyltoluene	12.006	119	628539	150.146	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	305990	147.362	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	308002	143.149	ug/l	99
89) n-Butylbenzene	12.329	91	613010	149.115	ug/l	99
90) Hexachloroethane	12.536	117	120040	161.336	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	298047	148.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	59166	179.177	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	209982	153.577	ug/l	99
94) Hexachlorobutadiene	13.725	225	92311	145.277	ug/l	98
95) Naphthalene	13.774	128	739300	170.506	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	210596	153.606	ug/l	99

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

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