

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047060.D
 Acq On : 21 Jul 2025 11:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 22 03:40:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	281238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	475828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196123	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	547497	156.279	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 312.560%#			
35) Dibromofluoromethane	5.397	113	468188	159.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 318.720%#			
50) Toluene-d8	8.653	98	1448057	152.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.400%#			
62) 4-Bromofluorobenzene	11.079	95	635473	154.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.980%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	614977	164.628	ug/l	99
3) Chloromethane	1.307	50	591309	160.024	ug/l	98
4) Vinyl Chloride	1.386	62	609982	153.566	ug/l	100
5) Bromomethane	1.612	94	260740	120.842	ug/l	96
6) Chloroethane	1.691	64	357637	137.087	ug/l	99
7) Trichlorofluoromethane	1.898	101	903925	152.614	ug/l	99
8) Diethyl Ether	2.148	74	312592	149.683	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	532594	149.251	ug/l	99
10) Methyl Iodide	2.465	142	640817	176.203	ug/l	99
11) Tert butyl alcohol	2.971	59	299604	752.233	ug/l	97
12) 1,1-Dichloroethene	2.331	96	527730	149.314	ug/l	98
13) Acrolein	2.246	56	563218	746.645	ug/l	99
14) Allyl chloride	2.678	41	964459	150.960	ug/l	99
15) Acrylonitrile	3.075	53	1274179	762.599	ug/l	99
16) Acetone	2.392	43	975640	695.175	ug/l	100
17) Carbon Disulfide	2.526	76	1523226	148.974	ug/l	99
18) Methyl Acetate	2.715	43	558406	149.722	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1616941	150.323	ug/l	99
20) Methylene Chloride	2.800	84	548865	142.156	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	533003	147.371	ug/l	97
22) Diisopropyl ether	3.770	45	1792018	145.892	ug/l	97
23) Vinyl Acetate	3.733	43	7515505	762.847	ug/l	99
24) 1,1-Dichloroethane	3.623	63	1006940	147.421	ug/l	99
25) 2-Butanone	4.562	43	1525049	746.280	ug/l	98
26) 2,2-Dichloropropane	4.489	77	790347	149.478	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	627302	146.469	ug/l	99
28) Bromochloromethane	4.910	49	464333	147.764	ug/l	100
29) Tetrahydrofuran	5.013	42	995703	755.168	ug/l	99
30) Chloroform	5.105	83	982491	141.308	ug/l	97
31) Cyclohexane	5.483	56	928560	141.781	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	892102	147.721	ug/l	98
36) 1,1-Dichloropropene	5.702	75	707227	141.221	ug/l	99
37) Ethyl Acetate	4.721	43	664604	150.587	ug/l	99
38) Carbon Tetrachloride	5.690	117	771081	144.260	ug/l	99
39) Methylcyclohexane	7.385	83	932504	149.137	ug/l	98
40) Benzene	6.044	78	2112753	145.777	ug/l	98

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41) Methacrylonitrile	4.928	41	373711	154.886	ug/l	98
42) 1,2-Dichloroethane	6.092	62	737991	144.555	ug/l	99
43) Isopropyl Acetate	6.342	43	1145157	159.182	ug/l	99
44) Trichloroethene	7.129	130	547123	147.215	ug/l	97
45) 1,2-Dichloropropane	7.434	63	529204	145.791	ug/l	97
46) Dibromomethane	7.586	93	381666	149.938	ug/l	99
47) Bromodichloromethane	7.824	83	794793	146.693	ug/l	99
48) Methyl methacrylate	7.696	41	589190	150.339	ug/l	99
49) 1,4-Dioxane	7.665	88	141473	3173.881	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	3143746	735.203	ug/l	100
52) Toluene	8.720	92	1298426	145.703	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	802670	156.884	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	876033	156.442	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	478247	143.101	ug/l	99
56) Ethyl methacrylate	9.116	69	791875	160.053	ug/l	99
57) 1,3-Dichloropropane	9.305	76	823631	141.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	2120903	770.350	ug/l	99
59) 2-Hexanone	9.433	43	2172764	769.096	ug/l	99
60) Dibromochloromethane	9.519	129	583183	148.786	ug/l	99
61) 1,2-Dibromoethane	9.610	107	500995	143.366	ug/l	99
64) Tetrachloroethene	9.275	164	433805	142.999	ug/l	98
65) Chlorobenzene	10.079	112	1432482	145.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	495347	149.242	ug/l	98
67) Ethyl Benzene	10.195	91	2508990	145.559	ug/l	100
68) m/p-Xylenes	10.299	106	1848008	286.495	ug/l	98
69) o-Xylene	10.640	106	897705	146.292	ug/l	100
70) Styrene	10.653	104	1538516	146.214	ug/l	99
71) Bromoform	10.799	173	377881	149.877	ug/l #	100
73) Isopropylbenzene	10.963	105	2341028	151.299	ug/l	99
74) N-amyl acetate	10.842	43	1017450	164.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	649081	146.858	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	542883m	149.549	ug/l	
77) Bromobenzene	11.195	156	555966	149.806	ug/l	99
78) n-propylbenzene	11.305	91	2790577	150.924	ug/l	99
79) 2-Chlorotoluene	11.366	91	1641174	148.487	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1921023	150.280	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	234105	166.150	ug/l	95
82) 4-Chlorotoluene	11.451	91	1901346	147.381	ug/l	99
83) tert-Butylbenzene	11.713	119	1941048	151.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1923088	150.829	ug/l	100
85) sec-Butylbenzene	11.890	105	2386553	148.873	ug/l	100
86) p-Isopropyltoluene	12.006	119	2001346	150.546	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	1044993	148.192	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	1039670	145.525	ug/l	98
89) n-Butylbenzene	12.329	91	1874924	150.392	ug/l	99
90) Hexachloroethane	12.536	117	376780	158.429	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	994860	147.614	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	142395	167.843	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	691853	155.373	ug/l	100
94) Hexachlorobutadiene	13.725	225	224504	148.249	ug/l	97
95) Naphthalene	13.774	128	2171681	166.363	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	662501	154.436	ug/l	99

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

