

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047200.D
 Acq On : 31 Jul 2025 15:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 01:51:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2025
 Supervised By : Mahesh Dadoda 08/01/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	268455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	191689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164791	49.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.560%		
35) Dibromofluoromethane	5.385	113	143312	50.457	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.920%		
50) Toluene-d8	8.647	98	424928	46.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.400%		
62) 4-Bromofluorobenzene	11.079	95	190269	48.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	184145	51.642	ug/l	97
3) Chloromethane	1.313	50	161195	45.701	ug/l	99
4) Vinyl Chloride	1.392	62	195459	51.551	ug/l	92
5) Bromomethane	1.630	94	82075	39.850	ug/l	98
6) Chloroethane	1.703	64	117801	47.305	ug/l	97
7) Trichlorofluoromethane	1.904	101	291925	51.634	ug/l	98
8) Diethyl Ether	2.142	74	103977	52.160	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	173115	50.823	ug/l	100
10) Methyl Iodide	2.465	142	229178	66.017	ug/l	98
11) Tert butyl alcohol	2.953	59	106068	272.243	ug/l	99
12) 1,1-Dichloroethene	2.337	96	168383	49.910	ug/l	99
13) Acrolein	2.246	56	106640	148.102	ug/l	100
14) Allyl chloride	2.678	41	274200	44.962	ug/l	94
15) Acrylonitrile	3.075	53	431250	270.394	ug/l	100
16) Acetone	2.386	43	353789	264.090	ug/l	98
17) Carbon Disulfide	2.526	76	434799	44.549	ug/l	99
18) Methyl Acetate	2.709	43	229262	64.398	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	551769	53.739	ug/l	99
20) Methylene Chloride	2.800	84	184106	49.954	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	171988	49.818	ug/l	99
22) Diisopropyl ether	3.764	45	619981	52.877	ug/l	98
23) Vinyl Acetate	3.727	43	2515560	267.496	ug/l	100
24) 1,1-Dichloroethane	3.617	63	334087	51.241	ug/l	99
25) 2-Butanone	4.556	43	517951	265.527	ug/l	99
26) 2,2-Dichloropropane	4.483	77	213864	42.374	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	206718	50.565	ug/l	98
28) Bromochloromethane	4.898	49	156136	52.053	ug/l	100
29) Tetrahydrofuran	5.013	42	323221	256.812	ug/l	99
30) Chloroform	5.099	83	334834	50.451	ug/l	99
31) Cyclohexane	5.477	56	287911	46.054	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	288884	50.113	ug/l	99
36) 1,1-Dichloropropene	5.696	75	225950	46.669	ug/l	99
37) Ethyl Acetate	4.721	43	237763	53.295	ug/l	98
38) Carbon Tetrachloride	5.684	117	250423	48.462	ug/l	100
39) Methylcyclohexane	7.379	83	280918	46.472	ug/l	98
40) Benzene	6.038	78	685014	48.890	ug/l	99

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41) Methacrylonitrile	4.928	41	115327	49.441	ug/l	94
42) 1,2-Dichloroethane	6.086	62	249271	50.504	ug/l	99
43) Isopropyl Acetate	6.336	43	377010	54.207	ug/l	99
44) Trichloroethene	7.123	130	171179	47.643	ug/l	99
45) 1,2-Dichloropropane	7.428	63	174033	49.593	ug/l	97
46) Dibromomethane	7.580	93	125623	51.048	ug/l	100
47) Bromodichloromethane	7.818	83	264680	50.531	ug/l	97
48) Methyl methacrylate	7.690	41	194972	51.460	ug/l	99
49) 1,4-Dioxane	7.720	88	48014	1114.197	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	1098416	265.707	ug/l	100
52) Toluene	8.714	92	420840	48.848	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	240400	48.602	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	261304	48.268	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	162040	50.152	ug/l	98
56) Ethyl methacrylate	9.116	69	256842	53.697	ug/l	98
57) 1,3-Dichloropropane	9.305	76	279927	49.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	696226	261.574	ug/l	100
59) 2-Hexanone	9.427	43	754844	276.377	ug/l	100
60) Dibromochloromethane	9.519	129	192135	50.704	ug/l	100
61) 1,2-Dibromoethane	9.610	107	166027	49.144	ug/l	99
64) Tetrachloroethene	9.269	164	138600	47.733	ug/l	93
65) Chlorobenzene	10.080	112	463767	49.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	161114	50.714	ug/l	98
67) Ethyl Benzene	10.189	91	813072	49.282	ug/l	99
68) m/p-Xylenes	10.299	106	599249	97.059	ug/l	99
69) o-Xylene	10.640	106	292612	49.819	ug/l	99
70) Styrene	10.653	104	504281	50.070	ug/l	99
71) Bromoform	10.799	173	122818	50.893	ug/l #	100
73) Isopropylbenzene	10.957	105	780002	51.577	ug/l	100
74) N-amyl acetate	10.842	43	322012	52.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	231889	53.680	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	184685m	52.052	ug/l	
77) Bromobenzene	11.195	156	184111	50.756	ug/l	99
78) n-propylbenzene	11.299	91	917421	50.765	ug/l	100
79) 2-Chlorotoluene	11.360	91	542002	50.172	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	636398	50.937	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	39500	28.683	ug/l	97
82) 4-Chlorotoluene	11.451	91	634702	50.336	ug/l	99
83) tert-Butylbenzene	11.713	119	650067	51.839	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	638063	51.201	ug/l	98
85) sec-Butylbenzene	11.890	105	810275	51.714	ug/l	100
86) p-Isopropyltoluene	12.006	119	671226	51.659	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	343554	49.847	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	342656	49.072	ug/l	98
89) n-Butylbenzene	12.329	91	623048	51.132	ug/l	99
90) Hexachloroethane	12.536	117	119358	51.349	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	325139	49.359	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45782	55.212	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	221490	50.892	ug/l	99
94) Hexachlorobutadiene	13.719	225	80825	54.607	ug/l	97
95) Naphthalene	13.774	128	682441	53.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	214019	51.044	ug/l	99

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

