

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047171.D
 Acq On : 29 Jul 2025 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 30 01:11:35 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 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	275011	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	467706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	409333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163229	47.647	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.300%		
35) Dibromofluoromethane	5.391	113	140531	48.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.647	98	414572	44.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.660%#		
62) 4-Bromofluorobenzene	11.079	95	190341	47.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	176865	48.418	ug/l	99
3) Chloromethane	1.313	50	151677	41.977	ug/l	97
4) Vinyl Chloride	1.392	62	189238	48.720	ug/l	97
5) Bromomethane	1.630	94	102612	48.633	ug/l	92
6) Chloroethane	1.703	64	107344	42.078	ug/l	98
7) Trichlorofluoromethane	1.904	101	275024	47.485	ug/l	96
8) Diethyl Ether	2.142	74	100605	49.265	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	167405	47.975	ug/l	99
10) Methyl Iodide	2.465	142	239398	67.317	ug/l	97
11) Tert butyl alcohol	2.959	59	94916	236.455	ug/l	100
12) 1,1-Dichloroethene	2.337	96	160088	46.320	ug/l	95
13) Acrolein	2.245	56	182352	247.213	ug/l	98
14) Allyl chloride	2.678	41	283294	45.346	ug/l	95
15) Acrylonitrile	3.075	53	401324	245.632	ug/l	99
16) Acetone	2.386	43	354324	258.184	ug/l	98
17) Carbon Disulfide	2.526	76	434211	43.428	ug/l	99
18) Methyl Acetate	2.709	43	201332	55.204	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	544998	51.814	ug/l	99
20) Methylene Chloride	2.800	84	178228	47.206	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	165667	46.843	ug/l	96
22) Diisopropyl ether	3.763	45	607590	50.585	ug/l	99
23) Vinyl Acetate	3.727	43	2525364	262.136	ug/l	99
24) 1,1-Dichloroethane	3.617	63	320843	48.037	ug/l	99
25) 2-Butanone	4.556	43	492135	246.278	ug/l	100
26) 2,2-Dichloropropane	4.483	77	256462	49.603	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	204675	48.872	ug/l	98
28) Bromochloromethane	4.903	49	152074	49.490	ug/l	98
29) Tetrahydrofuran	5.013	42	304588	236.239	ug/l	99
30) Chloroform	5.099	83	324375	47.710	ug/l	99
31) Cyclohexane	5.477	56	286103	44.674	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	282472	47.833	ug/l	99
36) 1,1-Dichloropropene	5.696	75	218771	44.443	ug/l	99
37) Ethyl Acetate	4.714	43	228135	50.296	ug/l	97
38) Carbon Tetrachloride	5.678	117	243861	46.416	ug/l	96
39) Methylcyclohexane	7.379	83	282772	46.010	ug/l	97
40) Benzene	6.043	78	671002	47.102	ug/l	99

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41) Methacrylonitrile	4.922	41	114538	48.295	ug/l	96
42) 1,2-Dichloroethane	6.086	62	245738	48.970	ug/l	99
43) Isopropyl Acetate	6.336	43	367588	51.984	ug/l	99
44) Trichloroethene	7.123	130	167565	45.870	ug/l	95
45) 1,2-Dichloropropane	7.427	63	173164	48.534	ug/l	96
46) Dibromomethane	7.580	93	123575	49.390	ug/l	100
47) Bromodichloromethane	7.818	83	260852	48.981	ug/l	98
48) Methyl methacrylate	7.690	41	187575	48.693	ug/l	100
49) 1,4-Dioxane	7.720	88	44564	1017.134	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	1039116	247.230	ug/l	99
52) Toluene	8.714	92	417165	47.625	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	253608	50.429	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	271515	49.329	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	159813	48.650	ug/l	98
56) Ethyl methacrylate	9.116	69	255276	52.492	ug/l	99
57) 1,3-Dichloropropane	9.305	76	275134	48.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	704651	260.386	ug/l	100
59) 2-Hexanone	9.427	43	710768	255.960	ug/l	100
60) Dibromochloromethane	9.518	129	197724	51.321	ug/l	99
61) 1,2-Dibromoethane	9.610	107	166084	48.352	ug/l	99
64) Tetrachloroethene	9.269	164	135742	46.001	ug/l	95
65) Chlorobenzene	10.079	112	455135	47.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	159008	49.251	ug/l	99
67) Ethyl Benzene	10.189	91	803787	47.940	ug/l	99
68) m/p-Xylenes	10.299	106	601140	95.809	ug/l	100
69) o-Xylene	10.640	106	288338	48.306	ug/l	99
70) Styrene	10.652	104	501623	49.009	ug/l	100
71) Bromoform	10.799	173	127447	51.967	ug/l #	99
73) Isopropylbenzene	10.957	105	762212	49.155	ug/l	100
74) N-amyl acetate	10.841	43	316483	50.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	223504	50.460	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	185393m	50.961	ug/l	
77) Bromobenzene	11.195	156	181119	48.698	ug/l	98
78) n-propylbenzene	11.299	91	911525	49.192	ug/l	100
79) 2-Chlorotoluene	11.360	91	538620	48.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	630518	49.219	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.012	75	57608	40.798	ug/l	98
82) 4-Chlorotoluene	11.451	91	634420	49.071	ug/l	99
83) tert-Butylbenzene	11.713	119	642761	49.990	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	628772	49.209	ug/l	100
85) sec-Butylbenzene	11.890	105	796815	49.598	ug/l	99
86) p-Isopropyltoluene	12.006	119	661637	49.663	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	342718	48.497	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	338515	47.281	ug/l	99
89) n-Butylbenzene	12.329	91	628167	50.278	ug/l	99
90) Hexachloroethane	12.536	117	120168	50.420	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	328884	48.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44276	52.076	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	218689	49.006	ug/l	98
94) Hexachlorobutadiene	13.719	225	77137	50.827	ug/l	98
95) Naphthalene	13.774	128	674191	51.536	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	210219	48.899	ug/l	100

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

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