

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
 Data File : VX047232.D
 Acq On : 05 Aug 2025 13:14
 Operator : JC/MD
 Sample : VX0805WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBS01

Quant Time: Aug 06 05:40:08 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 08/06/2025
 Supervised By : Semsettin Yesilyurt 08/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	269383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	452958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	201515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150926	44.977	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.960%		
35) Dibromofluoromethane	5.391	113	131339	46.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.920%		
50) Toluene-d8	8.647	98	392009	43.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.560%#		
62) 4-Bromofluorobenzene	11.079	95	181980	46.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	61273	17.124	ug/l	99
3) Chloromethane	1.313	50	55079	15.562	ug/l	95
4) Vinyl Chloride	1.392	62	68573	18.023	ug/l	99
5) Bromomethane	1.630	94	33869	16.388	ug/l	91
6) Chloroethane	1.709	64	41358	16.551	ug/l	96
7) Trichlorofluoromethane	1.910	101	103569	18.256	ug/l	99
8) Diethyl Ether	2.142	74	36217	18.105	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	65006	19.019	ug/l	97
10) Methyl Iodide	2.471	142	83378	23.935	ug/l	97
11) Tert butyl alcohol	2.953	59	29868	68.680	ug/l	96
12) 1,1-Dichloroethene	2.337	96	59085	17.453	ug/l	94
13) Acrolein	2.251	56	53736	74.372	ug/l	98
14) Allyl chloride	2.678	41	103199	16.864	ug/l	95
15) Acrylonitrile	3.075	53	139044	86.880	ug/l	98
16) Acetone	2.386	43	114779	85.383	ug/l	96
17) Carbon Disulfide	2.532	76	147193	15.029	ug/l	99
18) Methyl Acetate	2.709	43	76996	21.553	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	192616	18.695	ug/l	98
20) Methylene Chloride	2.800	84	67875	18.353	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	61972	17.889	ug/l	98
22) Diisopropyl ether	3.763	45	230010	19.550	ug/l	98
23) Vinyl Acetate	3.727	43	852178	90.305	ug/l	99
24) 1,1-Dichloroethane	3.623	63	123988	18.951	ug/l	98
25) 2-Butanone	4.562	43	162692	83.117	ug/l	98
26) 2,2-Dichloropropane	4.489	77	93326	18.428	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	77646	18.927	ug/l	98
28) Bromochloromethane	4.903	49	58459	19.422	ug/l	99
29) Tetrahydrofuran	5.013	42	101287	80.199	ug/l	100
30) Chloroform	5.105	83	127274	19.111	ug/l	99
31) Cyclohexane	5.477	56	108669	17.323	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	110047	19.024	ug/l	99
36) 1,1-Dichloropropene	5.702	75	84535	17.732	ug/l	99
37) Ethyl Acetate	4.727	43	73979	16.841	ug/l	99
38) Carbon Tetrachloride	5.684	117	96110	18.889	ug/l	94
39) Methylcyclohexane	7.379	83	103164	17.332	ug/l	96
40) Benzene	6.043	78	258786	18.757	ug/l	99

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Quant Time: Aug 06 05:40:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39709	17.289	ug/l	96
42) 1,2-Dichloroethane	6.092	62	95152	19.579	ug/l	98
43) Isopropyl Acetate	6.342	43	123559	18.042	ug/l	99
44) Trichloroethene	7.129	130	64505	18.233	ug/l	93
45) 1,2-Dichloropropane	7.433	63	66947	19.375	ug/l	96
46) Dibromomethane	7.580	93	46858	19.338	ug/l	99
47) Bromodichloromethane	7.824	83	100035	19.395	ug/l	99
48) Methyl methacrylate	7.696	41	64618	17.321	ug/l	99
49) 1,4-Dioxane	7.726	88	14124	332.864	ug/l #	65
51) 4-Methyl-2-Pentanone	8.574	43	365914	89.894	ug/l	98
52) Toluene	8.720	92	160299	18.896	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89585	18.394	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	99871	18.735	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	63879	20.079	ug/l	95
56) Ethyl methacrylate	9.116	69	88984	18.893	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107329	19.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225816	86.162	ug/l	100
59) 2-Hexanone	9.433	43	243079	90.387	ug/l	99
60) Dibromochloromethane	9.518	129	73654	19.740	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62153	18.684	ug/l	99
64) Tetrachloroethene	9.275	164	54293	18.607	ug/l	97
65) Chlorobenzene	10.079	112	182997	19.299	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	62192	19.481	ug/l	99
67) Ethyl Benzene	10.189	91	318108	19.188	ug/l	99
68) m/p-Xylenes	10.299	106	235071	37.889	ug/l	99
69) o-Xylene	10.640	106	113831	19.286	ug/l	99
70) Styrene	10.652	104	198282	19.592	ug/l	100
71) Bromoform	10.799	173	46273	19.082	ug/l #	100
73) Isopropylbenzene	10.963	105	303783	19.108	ug/l	100
74) N-amyl acetate	10.841	43	109052	17.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	86151	18.971	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68354m	18.326	ug/l	
77) Bromobenzene	11.195	156	72421	18.992	ug/l	99
78) n-propylbenzene	11.299	91	366776	19.306	ug/l	100
79) 2-Chlorotoluene	11.360	91	221502	19.504	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	251243	19.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18289	12.633	ug/l	95
82) 4-Chlorotoluene	11.451	91	257734	19.443	ug/l	100
83) tert-Butylbenzene	11.713	119	255782	19.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	255018	19.466	ug/l	100
85) sec-Butylbenzene	11.890	105	323582	19.645	ug/l	99
86) p-Isopropyltoluene	12.006	119	262230	19.198	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	140209	19.351	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	142777	19.450	ug/l	97
89) n-Butylbenzene	12.329	91	248634	19.410	ug/l	99
90) Hexachloroethane	12.536	117	47517	19.445	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	136825	19.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15326	17.582	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	87134	19.045	ug/l	98
94) Hexachlorobutadiene	13.725	225	30676	19.715	ug/l	99
95) Naphthalene	13.774	128	247839	18.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	83854	19.024	ug/l	99

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

