

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047509.D
 Acq On : 22 Aug 2025 19:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 01:33:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	195174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	148612	54.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.820%			
35) Dibromofluoromethane	5.403	113	118931	52.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.220%			
50) Toluene-d8	8.653	98	412057	50.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	158730	53.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	116362	46.769	ug/l	99
3) Chloromethane	1.313	50	106421	47.547	ug/l	96
4) Vinyl Chloride	1.392	62	138256	49.214	ug/l	96
5) Bromomethane	1.624	94	55043	48.508	ug/l	99
6) Chloroethane	1.703	64	89720	52.199	ug/l	96
7) Trichlorofluoromethane	1.904	101	202822	48.810	ug/l	98
8) Diethyl Ether	2.148	74	81132	55.450	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	120016	49.790	ug/l	98
10) Methyl Iodide	2.471	142	169736	41.091	ug/l	98
11) Tert butyl alcohol	2.965	59	75692	318.533	ug/l	97
12) 1,1-Dichloroethene	2.337	96	124299	50.582	ug/l	98
13) Acrolein	2.252	56	157769	314.519	ug/l	100
14) Allyl chloride	2.678	41	227008	53.186	ug/l	98
15) Acrylonitrile	3.087	53	334439	291.259	ug/l	100
16) Acetone	2.392	43	254654	248.025	ug/l	100
17) Carbon Disulfide	2.532	76	345788	46.631	ug/l	100
18) Methyl Acetate	2.715	43	171097	64.306	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	434777	58.157	ug/l	98
20) Methylene Chloride	2.806	84	146312	53.815	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	131895	50.569	ug/l	98
22) Diisopropyl ether	3.770	45	496301	58.826	ug/l	85
23) Vinyl Acetate	3.733	43	2012345	291.003	ug/l	100
24) 1,1-Dichloroethane	3.623	63	261196	54.772	ug/l	96
25) 2-Butanone	4.568	43	403599	300.145	ug/l	99
26) 2,2-Dichloropropane	4.489	77	170320	47.321	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	166518	54.815	ug/l	96
28) Bromochloromethane	4.916	49	113266	57.079	ug/l	98
29) Tetrahydrofuran	5.025	42	255391	293.850	ug/l	99
30) Chloroform	5.105	83	269537	55.383	ug/l	96
31) Cyclohexane	5.489	56	211603	48.136	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	220842	52.719	ug/l	99
36) 1,1-Dichloropropene	5.702	75	176064	49.336	ug/l	99
37) Ethyl Acetate	4.727	43	183432	49.512	ug/l	98
38) Carbon Tetrachloride	5.690	117	190779	48.921	ug/l	97
39) Methylcyclohexane	7.385	83	204377	45.914	ug/l	94
40) Benzene	6.050	78	554962	51.955	ug/l	99

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41) Methacrylonitrile	4.940	41	88712	56.784	ug/l	98
42) 1,2-Dichloroethane	6.098	62	204696	54.102	ug/l	99
43) Isopropyl Acetate	6.348	43	294283	55.293	ug/l	100
44) Trichloroethene	7.129	130	136282	49.828	ug/l	100
45) 1,2-Dichloropropane	7.434	63	143866	53.762	ug/l	99
46) Dibromomethane	7.586	93	105120	54.109	ug/l	98
47) Bromodichloromethane	7.824	83	218111	54.156	ug/l	100
48) Methyl methacrylate	7.696	41	157516	57.017	ug/l	97
49) 1,4-Dioxane	7.690	88	32313	1203.196	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	881330	287.758	ug/l	98
52) Toluene	8.720	92	347352	52.626	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	200203	56.957	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	218694	54.968	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	139633	55.718	ug/l	98
56) Ethyl methacrylate	9.116	69	211779	57.319	ug/l	99
57) 1,3-Dichloropropane	9.311	76	238648	55.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	451077	255.480	ug/l	98
59) 2-Hexanone	9.433	43	590617	278.781	ug/l	100
60) Dibromochloromethane	9.518	129	164849	55.351	ug/l	100
61) 1,2-Dibromoethane	9.610	107	140922	54.532	ug/l	100
64) Tetrachloroethene	9.275	164	112262	49.979	ug/l	99
65) Chlorobenzene	10.079	112	391535	53.057	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	137677	55.190	ug/l	98
67) Ethyl Benzene	10.195	91	669893	52.742	ug/l	99
68) m/p-Xylenes	10.299	106	508565	107.383	ug/l	99
69) o-Xylene	10.640	106	247614	54.329	ug/l	98
70) Styrene	10.652	104	425853	55.299	ug/l	100
71) Bromoform	10.799	173	106482	56.818	ug/l #	100
73) Isopropylbenzene	10.963	105	631985	51.402	ug/l	99
74) N-amyl acetate	10.841	43	263456	56.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	197381	54.678	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157042m	54.497	ug/l	
77) Bromobenzene	11.195	156	157028	52.302	ug/l	98
78) n-propylbenzene	11.299	91	757315	51.574	ug/l	100
79) 2-Chlorotoluene	11.360	91	458829	51.690	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	527334	52.128	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29348	45.171	ug/l	98
82) 4-Chlorotoluene	11.451	91	540991	51.702	ug/l	100
83) tert-Butylbenzene	11.713	119	530839	52.597	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	530191	52.409	ug/l	99
85) sec-Butylbenzene	11.890	105	649807	51.945	ug/l	100
86) p-Isopropyltoluene	12.006	119	540369	51.048	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	293460	51.165	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	292919	49.655	ug/l	99
89) n-Butylbenzene	12.329	91	505842	51.376	ug/l	100
90) Hexachloroethane	12.536	117	94730	51.011	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	283619	52.097	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38051	54.505	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	186768	51.174	ug/l	98
94) Hexachlorobutadiene	13.719	225	64419	49.588	ug/l	98
95) Naphthalene	13.774	128	583026	55.900	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	179717	52.241	ug/l	98

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

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