

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047717.D
 Acq On : 22 Sep 2025 19:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 23 01:43:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	151263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	277250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	250939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	131803	54.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.480%			
35) Dibromofluoromethane	5.373	113	102447	55.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.200%			
50) Toluene-d8	8.634	98	353835	54.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.000%			
62) 4-Bromofluorobenzene	11.061	95	135585	55.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	88566	56.543	ug/l	99
3) Chloromethane	1.300	50	110444	53.650	ug/l	98
4) Vinyl Chloride	1.380	62	107172	53.183	ug/l	99
5) Bromomethane	1.617	94	72614	56.826	ug/l	96
6) Chloroethane	1.697	64	70585	52.407	ug/l	99
7) Trichlorofluoromethane	1.898	101	150481	50.293	ug/l	99
8) Diethyl Ether	2.136	74	63484	51.867	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	88522	50.597	ug/l	99
10) Methyl Iodide	2.459	142	139955	51.292	ug/l	100
11) Tert butyl alcohol	2.946	59	70235	261.918	ug/l	100
12) 1,1-Dichloroethene	2.325	96	91283	50.793	ug/l	98
13) Acrolein	2.239	56	67239	272.101	ug/l	99
14) Allyl chloride	2.666	41	181689	48.993	ug/l	97
15) Acrylonitrile	3.056	53	278155	280.040	ug/l	99
16) Acetone	2.373	43	217175	207.448	ug/l	99
17) Carbon Disulfide	2.520	76	260128	52.873	ug/l	97
18) Methyl Acetate	2.703	43	128811	55.287	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	343603	52.375	ug/l	100
20) Methylene Chloride	2.788	84	113084	51.031	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	101088	52.246	ug/l	97
22) Diisopropyl ether	3.751	45	374276	52.076	ug/l #	80
23) Vinyl Acetate	3.715	43	1575430	273.882	ug/l	99
24) 1,1-Dichloroethane	3.605	63	197744	51.765	ug/l	100
25) 2-Butanone	4.544	43	337965	258.807	ug/l	99
26) 2,2-Dichloropropane	4.464	77	138210	43.525	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	123020	51.917	ug/l	98
28) Bromochloromethane	4.885	49	85726	51.404	ug/l	99
29) Tetrahydrofuran	4.995	42	215954	274.899	ug/l	99
30) Chloroform	5.080	83	200652	51.979	ug/l	97
31) Cyclohexane	5.464	56	157545	49.517	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	167268	51.085	ug/l	99
36) 1,1-Dichloropropene	5.684	75	130436	48.007	ug/l	99
37) Ethyl Acetate	4.702	43	147890	50.836	ug/l	98
38) Carbon Tetrachloride	5.665	117	139363	47.209	ug/l	94
39) Methylcyclohexane	7.366	83	149612	48.510	ug/l	98
40) Benzene	6.031	78	419576	50.844	ug/l	100

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41) Methacrylonitrile	4.910	41	83185	55.388	ug/l	96
42) 1,2-Dichloroethane	6.074	62	155471	49.515	ug/l	98
43) Isopropyl Acetate	6.324	43	249793	52.355	ug/l	99
44) Trichloroethene	7.110	130	103766	52.011	ug/l	97
45) 1,2-Dichloropropane	7.415	63	108998	51.582	ug/l	100
46) Dibromomethane	7.568	93	79231	51.526	ug/l	98
47) Bromodichloromethane	7.805	83	160815	50.680	ug/l	99
48) Methyl methacrylate	7.677	41	124008	52.179	ug/l	98
49) 1,4-Dioxane	7.647	88	31911	1328.639	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	721472	272.732	ug/l	100
52) Toluene	8.702	92	257025	50.554	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	165158	51.028	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	176564	51.038	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	102388	52.227	ug/l	99
56) Ethyl methacrylate	9.104	69	166501	54.080	ug/l	97
57) 1,3-Dichloropropane	9.293	76	179432	53.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	385340	261.171	ug/l	99
59) 2-Hexanone	9.415	43	503551	265.041	ug/l	99
60) Dibromochloromethane	9.506	129	118732	52.563	ug/l	98
61) 1,2-Dibromoethane	9.592	107	107185	53.678	ug/l	100
64) Tetrachloroethene	9.262	164	79987	48.896	ug/l	95
65) Chlorobenzene	10.067	112	286551	50.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	99248	50.451	ug/l	99
67) Ethyl Benzene	10.177	91	489716	49.786	ug/l	99
68) m/p-Xylenes	10.287	106	369200	100.842	ug/l	98
69) o-Xylene	10.628	106	179991	50.827	ug/l	98
70) Styrene	10.640	104	316706	51.041	ug/l	98
71) Bromoform	10.787	173	75426	51.349	ug/l	99
73) Isopropylbenzene	10.945	105	449995	49.195	ug/l	99
74) N-amyl acetate	10.829	43	222470	53.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	145865	52.707	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	111654m	45.835	ug/l	
77) Bromobenzene	11.183	156	114639	50.885	ug/l	97
78) n-propylbenzene	11.286	91	529287	48.949	ug/l	100
79) 2-Chlorotoluene	11.347	91	323780	48.889	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	370606	49.314	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	46938	49.137	ug/l	97
82) 4-Chlorotoluene	11.439	91	385744	49.316	ug/l	99
83) tert-Butylbenzene	11.695	119	375656	48.830	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	382206	50.163	ug/l	100
85) sec-Butylbenzene	11.872	105	450434	49.293	ug/l	99
86) p-Isopropyltoluene	11.994	119	374399	48.396	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	207129	49.499	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	209548	48.791	ug/l	99
89) n-Butylbenzene	12.317	91	342927	47.906	ug/l	99
90) Hexachloroethane	12.518	117	66519	48.974	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	202068	50.686	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	29730	53.060	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	127145	49.073	ug/l	98
94) Hexachlorobutadiene	13.707	225	40382	45.885	ug/l	98
95) Naphthalene	13.756	128	411593	52.169	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	122162	50.686	ug/l	98

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

