

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047014.D
 Acq On : 15 Jul 2025 19:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 02:34:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	298786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	522407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	202757	51.367	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.397	113	163236	46.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.060%			
50) Toluene-d8	8.653	98	574148	45.890	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.780%#			
62) 4-Bromofluorobenzene	11.079	95	236239	49.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	115888	40.556	ug/l	93
3) Chloromethane	1.307	50	130766	41.886	ug/l	98
4) Vinyl Chloride	1.386	62	152125	44.746	ug/l	98
5) Bromomethane	1.618	94	94969	43.475	ug/l	98
6) Chloroethane	1.697	64	99770	44.442	ug/l	99
7) Trichlorofluoromethane	1.904	101	244658	46.541	ug/l	98
8) Diethyl Ether	2.148	74	96075	51.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	156078	46.595	ug/l	100
10) Methyl Iodide	2.465	142	156498	42.884	ug/l	97
11) Tert butyl alcohol	2.959	59	106418	411.069	ug/l	97
12) 1,1-Dichloroethene	2.331	96	149988	46.294	ug/l	95
13) Acrolein	2.252	56	78714	274.873	ug/l	99
14) Allyl chloride	2.678	41	283869	49.212	ug/l	99
15) Acrylonitrile	3.075	53	464855	310.575	ug/l	100
16) Acetone	2.386	43	359951	293.574	ug/l	97
17) Carbon Disulfide	2.526	76	289360	34.056	ug/l	100
18) Methyl Acetate	2.715	43	249253	77.128	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	556635	60.839	ug/l	96
20) Methylene Chloride	2.806	84	179000	49.371	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	158550	47.824	ug/l	97
22) Diisopropyl ether	3.770	45	629011	56.444	ug/l	90
23) Vinyl Acetate	3.733	43	2383004	285.427	ug/l	100
24) 1,1-Dichloroethane	3.623	63	325821	51.265	ug/l	99
25) 2-Butanone	4.562	43	577328	352.924	ug/l	100
26) 2,2-Dichloropropane	4.495	77	191579	40.503	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	207209	51.191	ug/l	100
28) Bromochloromethane	4.910	49	166213	52.990	ug/l	97
29) Tetrahydrofuran	5.013	42	369408	354.250	ug/l	99
30) Chloroform	5.105	83	342735	52.785	ug/l	98
31) Cyclohexane	5.483	56	270760	47.988	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	284261	52.401	ug/l	98
36) 1,1-Dichloropropene	5.702	75	220819	46.153	ug/l	98
37) Ethyl Acetate	4.727	43	239867	58.863	ug/l	99
38) Carbon Tetrachloride	5.690	117	232934	46.050	ug/l	99
39) Methylcyclohexane	7.385	83	274182	45.812	ug/l	97
40) Benzene	6.050	78	694808	48.012	ug/l	99

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41) Methacrylonitrile	4.928	41	140857	64.798	ug/l	97
42) 1,2-Dichloroethane	6.092	62	253486	51.584	ug/l	99
43) Isopropyl Acetate	6.348	43	407773	65.331	ug/l	99
44) Trichloroethene	7.129	130	176463	46.844	ug/l	95
45) 1,2-Dichloropropane	7.434	63	185887	50.841	ug/l	97
46) Dibromomethane	7.586	93	129510	51.124	ug/l	100
47) Bromodichloromethane	7.824	83	264028	48.812	ug/l	99
48) Methyl methacrylate	7.696	41	211056	65.487	ug/l	98
49) 1,4-Dioxane	7.659	88	53670	1437.203	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1267065	343.968	ug/l	99
52) Toluene	8.720	92	443977	49.509	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	246192	50.999	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	274399	49.799	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	182572	54.660	ug/l	97
56) Ethyl methacrylate	9.116	69	292922	63.361	ug/l	99
57) 1,3-Dichloropropane	9.311	76	303912	52.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	745307	286.123	ug/l	99
59) 2-Hexanone	9.427	43	875774	358.427	ug/l	100
60) Dibromochloromethane	9.519	129	196223	49.089	ug/l	98
61) 1,2-Dibromoethane	9.610	107	180065	53.678	ug/l	99
64) Tetrachloroethene	9.275	164	144051	46.538	ug/l	96
65) Chlorobenzene	10.079	112	506305	50.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	169833	50.262	ug/l	100
67) Ethyl Benzene	10.195	91	877349	50.969	ug/l	99
68) m/p-Xylenes	10.299	106	649925	100.200	ug/l	99
69) o-Xylene	10.640	106	323526	51.636	ug/l	100
70) Styrene	10.653	104	564719	52.681	ug/l	99
71) Bromoform	10.799	173	124012	49.360	ug/l #	99
73) Isopropylbenzene	10.963	105	864761	53.864	ug/l	99
74) N-amyl acetate	10.842	43	378156	69.316	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	266436	60.354	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	214144m	60.685	ug/l	
77) Bromobenzene	11.195	156	208755	52.202	ug/l	98
78) n-propylbenzene	11.305	91	1025462	52.972	ug/l	100
79) 2-Chlorotoluene	11.360	91	600069	52.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	702012	53.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67508	51.337	ug/l	95
82) 4-Chlorotoluene	11.451	91	702830	53.282	ug/l	98
83) tert-Butylbenzene	11.713	119	721718	53.567	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	714919	54.220	ug/l	97
85) sec-Butylbenzene	11.890	105	897800	52.851	ug/l	100
86) p-Isopropyltoluene	12.006	119	735215	51.683	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	386126	51.629	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	388699	49.938	ug/l	100
89) n-Butylbenzene	12.329	91	690135	51.632	ug/l	100
90) Hexachloroethane	12.536	117	117040	46.411	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	377348	52.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	51131	66.221	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	255166	51.825	ug/l	99
94) Hexachlorobutadiene	13.725	225	87956	47.369	ug/l	99
95) Naphthalene	13.774	128	827778	63.802	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	250174	53.776	ug/l	97

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

