

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085982.D
 Acq On : 13 Mar 2025 16:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 00:29:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97326	48.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.165	113	77648	47.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	10.565	98	288213	48.916	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.847	95	107142	55.191	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	110.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	112468	53.284	ug/l	100
3) Chloromethane	2.359	50	89750	42.374	ug/l	100
4) Vinyl Chloride	2.512	62	93346	41.625	ug/l	98
5) Bromomethane	2.953	94	58651	40.902	ug/l	95
6) Chloroethane	3.118	64	56172	37.815	ug/l	97
7) Trichlorofluoromethane	3.495	101	164216	50.577	ug/l	98
8) Diethyl Ether	3.959	74	51854	49.359	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	92313	49.186	ug/l	99
10) Methyl Iodide	4.589	142	118610	51.269	ug/l	94
11) Tert butyl alcohol	5.518	59	56220	227.206	ug/l	99
12) 1,1-Dichloroethene	4.342	96	84630	49.731	ug/l	99
13) Acrolein	4.177	56	92716	252.674	ug/l	99
14) Allyl chloride	5.024	41	106406	47.625	ug/l	98
15) Acrylonitrile	5.718	53	197975	246.112	ug/l	99
16) Acetone	4.424	43	171838	269.940	ug/l	98
17) Carbon Disulfide	4.712	76	250177	49.604	ug/l	100
18) Methyl Acetate	5.018	43	85585	39.088	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	280254	55.421	ug/l	98
20) Methylene Chloride	5.271	84	98166	47.952	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	91755	50.074	ug/l	94
22) Diisopropyl ether	6.665	45	250932	49.704	ug/l	99
23) Vinyl Acetate	6.600	43	887028	256.609	ug/l	100
24) 1,1-Dichloroethane	6.565	63	165721	48.288	ug/l	99
25) 2-Butanone	7.477	43	231162	246.829	ug/l	97
26) 2,2-Dichloropropane	7.488	77	160648	52.642	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	106148	49.961	ug/l	99
28) Bromochloromethane	7.812	49	72867	51.658	ug/l	100
29) Tetrahydrofuran	7.835	42	150331	248.581	ug/l	97
30) Chloroform	7.965	83	182055	50.761	ug/l	99
31) Cyclohexane	8.253	56	140159	48.776	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	169776	53.221	ug/l	98
36) 1,1-Dichloropropene	8.371	75	125050	54.561	ug/l	100
37) Ethyl Acetate	7.559	43	92208	48.887	ug/l	98
38) Carbon Tetrachloride	8.359	117	157626	57.881	ug/l	93
39) Methylcyclohexane	9.600	83	128014	56.855	ug/l	96
40) Benzene	8.606	78	392382	53.416	ug/l	98

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41) Methacrylonitrile	7.771	41	48480	48.082	ug/l	91
42) 1,2-Dichloroethane	8.665	62	133126	55.638	ug/l	98
43) Isopropyl Acetate	8.682	43	174609	52.780	ug/l	99
44) Trichloroethene	9.347	130	89424	49.580	ug/l	98
45) 1,2-Dichloropropane	9.618	63	90195	50.867	ug/l	100
46) Dibromomethane	9.706	93	66652	53.291	ug/l	99
47) Bromodichloromethane	9.888	83	145503	54.376	ug/l	99
48) Methyl methacrylate	9.677	41	73998	52.827	ug/l	94
49) 1,4-Dioxane	9.688	88	30488	1144.571	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	484494	266.427	ug/l	97
52) Toluene	10.629	92	249577	57.960	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	144062	58.223	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	152953	56.373	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	91623	53.517	ug/l	96
56) Ethyl methacrylate	10.871	69	135128	54.319	ug/l	97
57) 1,3-Dichloropropane	11.159	76	153831	53.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	261908	267.129	ug/l	97
59) 2-Hexanone	11.194	43	357316	285.620	ug/l	96
60) Dibromochloromethane	11.359	129	114331	57.350	ug/l	99
61) 1,2-Dibromoethane	11.465	107	90446	55.913	ug/l	99
64) Tetrachloroethene	11.100	164	85865	48.011	ug/l	94
65) Chlorobenzene	11.888	112	271942	51.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100341	52.786	ug/l	98
67) Ethyl Benzene	11.965	91	473037	57.101	ug/l	97
68) m/p-Xylenes	12.070	106	375789	119.420	ug/l	98
69) o-Xylene	12.394	106	176009	58.861	ug/l	97
70) Styrene	12.412	104	308195	54.826	ug/l	99
71) Bromoform	12.576	173	79537	56.310	ug/l #	98
73) Isopropylbenzene	12.694	105	449574	52.132	ug/l	100
74) N-amyl acetate	12.494	43	144671	47.572	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	131158	44.198	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	122687m	43.877	ug/l	
77) Bromobenzene	12.976	156	115243	49.463	ug/l	98
78) n-propylbenzene	13.035	91	535748	54.246	ug/l	99
79) 2-Chlorotoluene	13.123	91	334375	50.673	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	395660	56.323	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52071	54.336	ug/l	92
82) 4-Chlorotoluene	13.217	91	347879	53.179	ug/l	100
83) tert-Butylbenzene	13.435	119	321235	54.379	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	409361	58.900	ug/l	97
85) sec-Butylbenzene	13.612	105	452947	54.269	ug/l	99
86) p-Isopropyltoluene	13.723	119	388769	50.764	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	218146	49.975	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	214707	47.991	ug/l	100
89) n-Butylbenzene	14.053	91	317477	53.575	ug/l	99
90) Hexachloroethane	14.329	117	76632	48.480	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	207799	49.505	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25421	46.651	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	102012	51.002	ug/l	98
94) Hexachlorobutadiene	15.500	225	55276	45.473	ug/l	99
95) Naphthalene	15.635	128	282284	51.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	100778	50.188	ug/l	99

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

