

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086063.D
 Acq On : 22 Mar 2025 00:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 01:06:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2025
 Supervised By : Semsettin Yesilyurt 03/24/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	143750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103484	52.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.140%	
35) Dibromofluoromethane	8.165	113	83252	49.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.060%	
50) Toluene-d8	10.565	98	276568	45.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 90.660%	
62) 4-Bromofluorobenzene	12.847	95	101223	46.524	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86473	45.406	ug/l	97
3) Chloromethane	2.359	50	88831	53.206	ug/l	96
4) Vinyl Chloride	2.512	62	90109	52.785	ug/l	99
5) Bromomethane	2.948	94	56100	48.245	ug/l	98
6) Chloroethane	3.106	64	55723	51.742	ug/l	92
7) Trichlorofluoromethane	3.495	101	140666	45.838	ug/l	97
8) Diethyl Ether	3.959	74	52885	56.294	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	73762	45.226	ug/l	98
10) Methyl Iodide	4.589	142	117455	55.269	ug/l	96
11) Tert butyl alcohol	5.518	59	74688	267.992	ug/l	99
12) 1,1-Dichloroethene	4.336	96	74317	50.463	ug/l	94
13) Acrolein	4.177	56	108697	365.676	ug/l	98
14) Allyl chloride	5.024	41	92421	50.303	ug/l	99
15) Acrylonitrile	5.712	53	227631	309.269	ug/l	98
16) Acetone	4.424	43	167853	279.116	ug/l	99
17) Carbon Disulfide	4.712	76	216030	44.604	ug/l	98
18) Methyl Acetate	5.024	43	93806	63.046	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	289337	59.955	ug/l	99
20) Methylene Chloride	5.277	84	98080	55.750	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	84448	52.470	ug/l	97
22) Diisopropyl ether	6.671	45	244595	62.472	ug/l	98
23) Vinyl Acetate	6.600	43	1025820	345.626	ug/l	98
24) 1,1-Dichloroethane	6.565	63	161148	55.972	ug/l	100
25) 2-Butanone	7.483	43	258542	297.947	ug/l	99
26) 2,2-Dichloropropane	7.489	77	110272	39.783	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	102732	56.171	ug/l	98
28) Bromochloromethane	7.812	49	74583	61.143	ug/l	96
29) Tetrahydrofuran	7.836	42	177383	331.114	ug/l	98
30) Chloroform	7.965	83	175839	55.255	ug/l	98
31) Cyclohexane	8.253	56	103720	42.288	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	154409	51.258	ug/l	99
36) 1,1-Dichloropropene	8.371	75	103475	46.749	ug/l	100
37) Ethyl Acetate	7.559	43	108973	58.358	ug/l	99
38) Carbon Tetrachloride	8.359	117	134878	46.346	ug/l	98
39) Methylcyclohexane	9.594	83	89964	40.967	ug/l	97
40) Benzene	8.606	78	362720	52.202	ug/l	100

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41) Methacrylonitrile	7.777	41	58243	65.320	ug/l	91
42) 1,2-Dichloroethane	8.665	62	132509	54.730	ug/l	100
43) Isopropyl Acetate	8.688	43	262437	64.857	ug/l #	84
44) Trichloroethene	9.353	130	78785	43.748	ug/l	98
45) 1,2-Dichloropropane	9.618	63	87628	55.447	ug/l	98
46) Dibromomethane	9.706	93	68039	54.744	ug/l	99
47) Bromodichloromethane	9.888	83	140338	54.027	ug/l	96
48) Methyl methacrylate	9.677	41	80125	60.007	ug/l	99
49) 1,4-Dioxane	9.694	88	36347	1151.490	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	570035	319.427	ug/l	98
52) Toluene	10.629	92	224021	52.530	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	134472	53.306	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	141357	53.111	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	92779	57.000	ug/l	96
56) Ethyl methacrylate	10.871	69	141747	54.773	ug/l	99
57) 1,3-Dichloropropane	11.159	76	157310	56.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	329403	320.211	ug/l	98
59) 2-Hexanone	11.194	43	423019	325.390	ug/l	98
60) Dibromochloromethane	11.359	129	114904	54.707	ug/l	96
61) 1,2-Dibromoethane	11.465	107	93035	55.676	ug/l	98
64) Tetrachloroethene	11.100	164	71267	40.985	ug/l	97
65) Chlorobenzene	11.888	112	237878	47.690	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	97498	52.582	ug/l	99
67) Ethyl Benzene	11.965	91	390958	48.999	ug/l	99
68) m/p-Xylenes	12.065	106	317482	101.236	ug/l	99
69) o-Xylene	12.394	106	152820	53.094	ug/l	98
70) Styrene	12.412	104	265827	54.071	ug/l	99
71) Bromoform	12.576	173	83527	53.887	ug/l #	99
73) Isopropylbenzene	12.694	105	363396	46.402	ug/l	100
74) N-amyl acetate	12.494	43	155203	59.235	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	141757	53.504	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118458m	46.138	ug/l	
77) Bromobenzene	12.976	156	103132	47.228	ug/l	97
78) n-propylbenzene	13.035	91	425421	47.973	ug/l	99
79) 2-Chlorotoluene	13.123	91	278554	47.291	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	324258	49.041	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46471	47.853	ug/l	97
82) 4-Chlorotoluene	13.218	91	284255	46.928	ug/l	98
83) tert-Butylbenzene	13.435	119	255769	45.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	337132	50.553	ug/l	100
85) sec-Butylbenzene	13.612	105	349534	47.381	ug/l	100
86) p-Isopropyltoluene	13.729	119	298363	47.778	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	184430	46.856	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	181423	43.869	ug/l	100
89) n-Butylbenzene	14.053	91	228585	44.950	ug/l	99
90) Hexachloroethane	14.329	117	61761	42.862	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	184172	47.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30091	56.896	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	83255	42.316	ug/l	97
94) Hexachlorobutadiene	15.494	225	41274	36.159	ug/l	98
95) Naphthalene	15.635	128	286644	50.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	86998	46.600	ug/l	99

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

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