

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086476.D
 Acq On : 02 May 2025 20:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:18:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117599	49.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.360%		
35) Dibromofluoromethane	8.165	113	72239	51.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.680%		
50) Toluene-d8	10.565	98	379847	50.509	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.020%		
62) 4-Bromofluorobenzene	12.847	95	142626	51.996	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92623	47.385	ug/l	98
3) Chloromethane	2.359	50	125033	44.013	ug/l	98
4) Vinyl Chloride	2.512	62	133903	49.394	ug/l	98
5) Bromomethane	2.948	94	72923	59.802	ug/l	99
6) Chloroethane	3.118	64	92071	50.746	ug/l	98
7) Trichlorofluoromethane	3.495	101	153138	50.997	ug/l	95
8) Diethyl Ether	3.959	74	60722	46.320	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	91037	50.115	ug/l	98
10) Methyl Iodide	4.589	142	116784	58.475	ug/l	99
11) Tert butyl alcohol	5.524	59	104776	240.160	ug/l	100
12) 1,1-Dichloroethene	4.336	96	92569	47.697	ug/l	98
13) Acrolein	4.177	56	39531	190.741	ug/l	98
14) Allyl chloride	5.024	41	133204	38.609	ug/l	92
15) Acrylonitrile	5.712	53	267559	248.086	ug/l	100
16) Acetone	4.430	43	218877	265.104	ug/l	99
17) Carbon Disulfide	4.712	76	244146	42.013	ug/l	100
18) Methyl Acetate	5.024	43	121705	42.403	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	343394	48.134	ug/l	99
20) Methylene Chloride	5.271	84	112082	50.704	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	101596	50.071	ug/l	96
22) Diisopropyl ether	6.671	45	340714	45.397	ug/l	98
23) Vinyl Acetate	6.600	43	1227174	233.902	ug/l	97
24) 1,1-Dichloroethane	6.571	63	192815	48.691	ug/l	100
25) 2-Butanone	7.483	43	356702	239.665	ug/l	94
26) 2,2-Dichloropropane	7.488	77	125021	35.261	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	127907	50.790	ug/l	92
28) Bromochloromethane	7.812	49	74844	44.575	ug/l	92
29) Tetrahydrofuran	7.835	42	236511	237.638	ug/l	95
30) Chloroform	7.965	83	202832	52.142	ug/l	98
31) Cyclohexane	8.253	56	169456	43.731	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	174455	52.424	ug/l	98
36) 1,1-Dichloropropene	8.371	75	141830	50.464	ug/l	98
37) Ethyl Acetate	7.559	43	143764	48.586	ug/l	100
38) Carbon Tetrachloride	8.359	117	144822	54.108	ug/l	99
39) Methylcyclohexane	9.600	83	160167	47.945	ug/l	98
40) Benzene	8.606	78	458103	50.873	ug/l	99

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41) Methacrylonitrile	7.777	41	82579	48.154	ug/l	96
42) 1,2-Dichloroethane	8.671	62	148911	51.857	ug/l	100
43) Isopropyl Acetate	8.688	43	272968	51.681	ug/l	99
44) Trichloroethene	9.353	130	109238	51.182	ug/l	96
45) 1,2-Dichloropropane	9.618	63	110230	50.008	ug/l	99
46) Dibromomethane	9.706	93	79452	56.573	ug/l	97
47) Bromodichloromethane	9.888	83	161254	53.161	ug/l	97
48) Methyl methacrylate	9.677	41	122945	47.315	ug/l	94
49) 1,4-Dioxane	9.694	88	48645	1100.595	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	787837	260.017	ug/l	98
52) Toluene	10.629	92	304054	54.114	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	169428	50.038	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	176148	47.364	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	111001	54.908	ug/l	96
56) Ethyl methacrylate	10.871	69	193126	51.972	ug/l	95
57) 1,3-Dichloropropane	11.159	76	192930	53.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	375361	212.823	ug/l	98
59) 2-Hexanone	11.194	43	595332	264.897	ug/l	100
60) Dibromochloromethane	11.359	129	124894	56.262	ug/l	100
61) 1,2-Dibromoethane	11.465	107	116489	57.107	ug/l	99
64) Tetrachloroethene	11.100	164	104941	47.604	ug/l	98
65) Chlorobenzene	11.888	112	332140	51.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	111556	52.873	ug/l	99
67) Ethyl Benzene	11.959	91	593352	51.412	ug/l	100
68) m/p-Xylenes	12.070	106	458543	106.037	ug/l	96
69) o-Xylene	12.394	106	225551	52.741	ug/l	98
70) Styrene	12.412	104	379667	53.282	ug/l	98
71) Bromoform	12.576	173	85962	54.114	ug/l #	100
73) Isopropylbenzene	12.694	105	555599	49.281	ug/l	100
74) N-amyl acetate	12.488	43	251675	44.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	169665	52.340	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	158796m	48.825	ug/l	
77) Bromobenzene	12.976	156	133083	53.275	ug/l	91
78) n-propylbenzene	13.035	91	649194	48.867	ug/l	100
79) 2-Chlorotoluene	13.123	91	405361	48.762	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	456372	49.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	59132	43.665	ug/l	95
82) 4-Chlorotoluene	13.217	91	406074	49.175	ug/l	98
83) tert-Butylbenzene	13.435	119	385077	48.162	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	460388	49.015	ug/l	99
85) sec-Butylbenzene	13.612	105	537152	48.435	ug/l	99
86) p-Isopropyltoluene	13.723	119	445787	48.767	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	238757	50.843	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	241738	51.109	ug/l	97
89) n-Butylbenzene	14.053	91	370243	45.695	ug/l	100
90) Hexachloroethane	14.335	117	78191	50.853	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	231246	50.792	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31952	48.885	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	103327	47.396	ug/l	99
94) Hexachlorobutadiene	15.500	225	36324	44.139	ug/l	97
95) Naphthalene	15.635	128	372401	48.188	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	98817	47.877	ug/l	99

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

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