

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085878.D
 Acq On : 26 Feb 2025 17:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Quant Time: Feb 26 23:13:15 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	287397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	473453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	421466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	207301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163480	43.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.760%		
35) Dibromofluoromethane	8.165	113	144140	46.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	10.565	98	536967	47.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	12.847	95	193142	52.007	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	171767	43.939	ug/l	99
3) Chloromethane	2.359	50	164830	42.020	ug/l	100
4) Vinyl Chloride	2.512	62	179393	43.192	ug/l	97
5) Bromomethane	2.948	94	111343	41.926	ug/l	90
6) Chloroethane	3.118	64	113007	41.077	ug/l	97
7) Trichlorofluoromethane	3.501	101	263663	43.846	ug/l	99
8) Diethyl Ether	3.959	74	96612	49.655	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	158876	45.707	ug/l	99
10) Methyl Iodide	4.589	142	203001	47.378	ug/l	95
11) Tert butyl alcohol	5.518	59	124700	272.109	ug/l	99
12) 1,1-Dichloroethene	4.336	96	148466	47.106	ug/l	99
13) Acrolein	4.183	56	169232	249.021	ug/l	98
14) Allyl chloride	5.024	41	195271	47.190	ug/l	94
15) Acrylonitrile	5.718	53	387894	260.366	ug/l	98
16) Acetone	4.424	43	273735	232.181	ug/l	94
17) Carbon Disulfide	4.712	76	375542	40.205	ug/l	99
18) Methyl Acetate	5.024	43	205820	50.756	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	494000	52.747	ug/l	98
20) Methylene Chloride	5.277	84	171866	45.330	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	155409	45.794	ug/l	94
22) Diisopropyl ether	6.671	45	482177	51.569	ug/l	98
23) Vinyl Acetate	6.600	43	1585390	247.638	ug/l	100
24) 1,1-Dichloroethane	6.565	63	296492	46.647	ug/l	98
25) 2-Butanone	7.477	43	449694	259.266	ug/l	97
26) 2,2-Dichloropropane	7.489	77	248487	43.965	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	190548	48.425	ug/l	99
28) Bromochloromethane	7.812	49	135268	51.779	ug/l	99
29) Tetrahydrofuran	7.836	42	303189	270.695	ug/l	98
30) Chloroform	7.965	83	307967	46.364	ug/l	99
31) Cyclohexane	8.253	56	227737	42.793	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	271804	46.006	ug/l	96
36) 1,1-Dichloropropene	8.371	75	208397	47.529	ug/l	99
37) Ethyl Acetate	7.553	43	182274	50.516	ug/l	99
38) Carbon Tetrachloride	8.359	117	241965	46.445	ug/l	94
39) Methylcyclohexane	9.600	83	208239	48.344	ug/l	97
40) Benzene	8.606	78	677965	48.244	ug/l	99

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41) Methacrylonitrile	7.777	41	100147	51.920	ug/l	95
42) 1,2-Dichloroethane	8.671	62	207609	45.355	ug/l	98
43) Isopropyl Acetate	8.683	43	308478	48.700	ug/l	97
44) Trichloroethene	9.347	130	158438	45.919	ug/l	94
45) 1,2-Dichloropropane	9.618	63	165398	48.760	ug/l	92
46) Dibromomethane	9.706	93	114776	47.970	ug/l	99
47) Bromodichloromethane	9.888	83	243567	47.581	ug/l	100
48) Methyl methacrylate	9.677	41	139886	52.202	ug/l	94
49) 1,4-Dioxane	9.694	88	61293	1202.819	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	944635	271.537	ug/l	98
52) Toluene	10.624	92	422307	51.266	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	245393	51.842	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	267980	51.628	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	161622	49.347	ug/l	99
56) Ethyl methacrylate	10.871	69	249202	52.585	ug/l	95
57) 1,3-Dichloropropane	11.159	76	272963	49.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	577501	296.239	ug/l	99
59) 2-Hexanone	11.194	43	679029	283.727	ug/l	96
60) Dibromochloromethane	11.353	129	195451	51.248	ug/l	100
61) 1,2-Dibromoethane	11.465	107	159376	51.502	ug/l	98
64) Tetrachloroethene	11.100	164	147774	45.259	ug/l	98
65) Chlorobenzene	11.888	112	464124	48.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	168280	48.490	ug/l	99
67) Ethyl Benzene	11.959	91	786599	52.009	ug/l	100
68) m/p-Xylenes	12.071	106	619425	107.821	ug/l	99
69) o-Xylene	12.394	106	297286	54.456	ug/l	98
70) Styrene	12.406	104	509292	50.119	ug/l	99
71) Bromoform	12.576	173	132781	51.491	ug/l #	96
73) Isopropylbenzene	12.694	105	736404	51.852	ug/l	100
74) N-amyl acetate	12.494	43	262456	52.405	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	231159	47.300	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	208230m	45.220	ug/l	
77) Bromobenzene	12.976	156	184328	48.040	ug/l	96
78) n-propylbenzene	13.035	91	850418	52.286	ug/l	99
79) 2-Chlorotoluene	13.123	91	536096	49.332	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	621133	53.690	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	88825	56.282	ug/l	86
82) 4-Chlorotoluene	13.218	91	542567	50.362	ug/l	100
83) tert-Butylbenzene	13.435	119	508988	52.319	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	626832	54.765	ug/l	99
85) sec-Butylbenzene	13.612	105	713099	51.879	ug/l	99
86) p-Isopropyltoluene	13.729	119	595693	47.516	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	341606	47.520	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	337812	45.849	ug/l	100
89) n-Butylbenzene	14.053	91	485791	49.778	ug/l	99
90) Hexachloroethane	14.329	117	118154	45.388	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	330834	47.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41261	45.978	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	163243	49.558	ug/l	99
94) Hexachlorobutadiene	15.500	225	82275	41.098	ug/l	99
95) Naphthalene	15.641	128	496051	54.853	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	159487	48.228	ug/l	98

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

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