

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070944.D
 Acq On : 3 Feb 2022 21:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 04 04:46:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	766090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1294374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1207658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	523218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	531411	51.246	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.500%			
35) Dibromofluoromethane	8.021	113	390388	50.346	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.700%			
50) Toluene-d8	10.440	98	1609447	50.552	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.731	95	589142	51.357	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	420760	49.500	ug/l	99
3) Chloromethane	2.301	50	485816	45.251	ug/l	98
4) Vinyl Chloride	2.445	62	343144	38.259	ug/l	99
5) Bromomethane	2.837	94	216616	47.220	ug/l	100
6) Chloroethane	3.009	64	220031	54.093	ug/l	96
7) Trichlorofluoromethane	3.371	101	512829	51.201	ug/l	98
8) Diethyl Ether	3.821	74	195862	33.717	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.205	101	299106	39.578	ug/l	97
10) Methyl Iodide	4.417	142	456110	40.902	ug/l	98
11) Tert butyl alcohol	5.385	59	600500	275.587	ug/l	98
12) 1,1-Dichloroethene	4.175	96	288404	37.356	ug/l	91
13) Acrolein	4.039	56	391011	162.992	ug/l	99
14) Allyl chloride	4.838	41	900160	51.181	ug/l #	83
15) Acrylonitrile	5.554	53	1638084	269.199	ug/l	99
16) Acetone	4.291	43	1115280	179.866	ug/l	97
17) Carbon Disulfide	4.524	76	1075512	44.856	ug/l	99
18) Methyl Acetate	4.856	43	755895	53.508	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1496742	50.777	ug/l	93
20) Methylene Chloride	5.093	84	463004	49.172	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	409113	49.701	ug/l	87
22) Diisopropyl ether	6.498	45	1730364	50.793	ug/l	91
23) Vinyl Acetate	6.434	43	7768170	257.799	ug/l	95
24) 1,1-Dichloroethane	6.385	63	850520	49.584	ug/l	98
25) 2-Butanone	7.337	43	2335318	260.921	ug/l	93
26) 2,2-Dichloropropane	7.324	77	605383	44.939	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	479358	49.307	ug/l	88
28) Bromochloromethane	7.656	49	384507	51.371	ug/l #	77
29) Tetrahydrofuran	7.686	42	1579415	271.673	ug/l	88
30) Chloroform	7.817	83	800780	49.073	ug/l	100
31) Cyclohexane	8.094	56	844791	47.948	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	680148	49.379	ug/l	98
36) 1,1-Dichloropropene	8.222	75	609787	48.408	ug/l	97
37) Ethyl Acetate	7.415	43	907242	52.256	ug/l	98
38) Carbon Tetrachloride	8.206	117	559138	48.604	ug/l	99
39) Methylcyclohexane	9.459	83	767180	49.542	ug/l	89
40) Benzene	8.458	78	1891740	47.801	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	462726	53.046	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	651277	48.340	ug/l	100
43) Isopropyl Acetate	8.563	43	1372605	47.030	ug/l	95
44) Trichloroethene	9.215	130	432142	47.190	ug/l	92
45) 1,2-Dichloropropane	9.488	63	518318	48.909	ug/l	99
46) Dibromomethane	9.577	93	311950	49.138	ug/l	95
47) Bromodichloromethane	9.762	83	625210	48.892	ug/l	99
48) Methyl methacrylate	9.561	41	634030	50.386	ug/l #	82
49) 1,4-Dioxane	9.569	88	231532	1098.360	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	4555615	265.186	ug/l	99
52) Toluene	10.505	92	1163435	47.446	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	703074	48.718	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	769331	49.014	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	452333	48.572	ug/l	98
56) Ethyl methacrylate	10.760	69	824092	50.806	ug/l	89
57) 1,3-Dichloropropane	11.044	76	809440	49.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	972996	223.770	ug/l	91
59) 2-Hexanone	11.084	43	3361193	267.984	ug/l	97
60) Dibromochloromethane	11.237	129	450181	48.739	ug/l	100
61) 1,2-Dibromoethane	11.344	107	471095	49.187	ug/l	99
64) Tetrachloroethene	10.977	164	380965	48.197	ug/l	95
65) Chlorobenzene	11.771	112	1176955	46.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	419762	47.582	ug/l	99
67) Ethyl Benzene	11.843	91	2250403	48.841	ug/l	97
68) m/p-Xylenes	11.953	106	1657948	97.114	ug/l	94
69) o-Xylene	12.280	106	828164	48.469	ug/l	94
70) Styrene	12.294	104	1361989	50.577	ug/l	97
71) Bromoform	12.457	173	348526	47.849	ug/l #	100
73) Isopropylbenzene	12.578	105	2143388	46.952	ug/l	98
74) N-amyl acetate	12.387	43	1030495	50.403	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	750758	47.479	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	612409m	48.628	ug/l	
77) Bromobenzene	12.860	156	491633	44.924	ug/l	76
78) n-propylbenzene	12.919	91	2486850	47.768	ug/l	96
79) 2-Chlorotoluene	13.007	91	1507242	46.560	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1775186	47.970	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	229144	49.320	ug/l	91
82) 4-Chlorotoluene	13.104	91	1473984	47.243	ug/l	92
83) tert-Butylbenzene	13.323	119	1517994	47.035	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1736166	47.976	ug/l	97
85) sec-Butylbenzene	13.501	105	2180583	48.293	ug/l	97
86) p-Isopropyltoluene	13.616	119	1748545	49.107	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	853816	46.903	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	833462	45.771	ug/l	97
89) n-Butylbenzene	13.943	91	1514969	48.279	ug/l	97
90) Hexachloroethane	14.211	117	300161	47.566	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	817997	46.839	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	142555	49.752	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	439099	45.436	ug/l	98
94) Hexachlorobutadiene	15.370	225	263580	45.191	ug/l	100
95) Naphthalene	15.504	128	1249489	45.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	423541	46.090	ug/l	99

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

