

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071134.D
 Acq On : 02 Mar 2022 10:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 03 03:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	616327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	981066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	900350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	371521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	389802	55.366	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.740%			
35) Dibromofluoromethane	8.016	113	304153	52.122	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.240%			
50) Toluene-d8	10.439	98	1210725	51.664	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.320%			
62) 4-Bromofluorobenzene	12.727	95	425453	50.791	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	296483	46.315	ug/l	99
3) Chloromethane	2.299	50	391488	48.655	ug/l	97
4) Vinyl Chloride	2.446	62	370096	45.949	ug/l	99
5) Bromomethane	2.822	94	185603	40.564	ug/l	97
6) Chloroethane	2.999	64	249314	47.181	ug/l	96
7) Trichlorofluoromethane	3.369	101	509208	50.447	ug/l	95
8) Diethyl Ether	3.822	74	224108	51.072	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	305965	49.404	ug/l	95
10) Methyl Iodide	4.422	142	401273	46.784	ug/l	99
11) Tert butyl alcohol	5.363	59	380005	296.168	ug/l	98
12) 1,1-Dichloroethene	4.181	96	283203	46.936	ug/l	94
13) Acrolein	4.040	56	339670	296.261	ug/l	100
14) Allyl chloride	4.840	41	618995	53.790	ug/l #	85
15) Acrylonitrile	5.546	53	1145599	303.121	ug/l	99
16) Acetone	4.281	43	1005668	259.372	ug/l	96
17) Carbon Disulfide	4.528	76	686135	39.654	ug/l	98
18) Methyl Acetate	4.846	43	523409	61.794	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	1158803	54.749	ug/l	95
20) Methylene Chloride	5.093	84	357030	50.667	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	308973	47.709	ug/l	92
22) Diisopropyl ether	6.493	45	1314035	59.537	ug/l	91
23) Vinyl Acetate	6.428	43	5578006	298.559	ug/l	98
24) 1,1-Dichloroethane	6.381	63	662097	53.514	ug/l	99
25) 2-Butanone	7.328	43	1562883	303.005	ug/l	96
26) 2,2-Dichloropropane	7.322	77	540174	52.532	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	384434	51.648	ug/l	91
28) Bromochloromethane	7.651	49	268534	53.625	ug/l	83
29) Tetrahydrofuran	7.675	42	1045259	312.820	ug/l	92
30) Chloroform	7.810	83	636372	52.296	ug/l	99
31) Cyclohexane	8.092	56	614429	50.462	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	541086	51.490	ug/l	97
36) 1,1-Dichloropropene	8.216	75	476460	49.837	ug/l	97
37) Ethyl Acetate	7.404	43	610774	59.570	ug/l	98
38) Carbon Tetrachloride	8.204	117	470657	49.965	ug/l	98
39) Methylcyclohexane	9.457	83	581482	47.268	ug/l	94
40) Benzene	8.457	78	1457098	51.525	ug/l	98

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Reviewed By :John Carlone 03/03/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	311316	57.650	ug/l	92
42) 1,2-Dichloroethane	8.522	62	515157	53.487	ug/l	99
43) Isopropyl Acetate	8.557	43	979627	60.616	ug/l	97
44) Trichloroethene	9.210	130	350992	47.134	ug/l	97
45) 1,2-Dichloropropane	9.486	63	397587	54.886	ug/l	99
46) Dibromomethane	9.569	93	245612	51.522	ug/l	97
47) Bromodichloromethane	9.757	83	510394	52.975	ug/l	100
48) Methyl methacrylate	9.557	41	465697	60.879	ug/l #	82
49) 1,4-Dioxane	9.563	88	166295	1223.958	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	3123304	317.639	ug/l	99
52) Toluene	10.498	92	915002	51.492	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	563920	53.828	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	622104	54.072	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	365509	52.548	ug/l	99
56) Ethyl methacrylate	10.757	69	617012	58.875	ug/l	91
57) 1,3-Dichloropropane	11.039	76	657545	54.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	537394	233.002	ug/l	94
59) 2-Hexanone	11.081	43	2135404	315.768	ug/l	99
60) Dibromochloromethane	11.233	129	386673	52.602	ug/l	99
61) 1,2-Dibromoethane	11.339	107	372533	52.655	ug/l	98
64) Tetrachloroethene	10.975	164	303175	43.237	ug/l	99
65) Chlorobenzene	11.763	112	976105	50.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	358834	50.739	ug/l	99
67) Ethyl Benzene	11.839	91	1778646	52.380	ug/l	98
68) m/p-Xylenes	11.951	106	1346312	102.644	ug/l	98
69) o-Xylene	12.275	106	670730	52.348	ug/l	98
70) Styrene	12.292	104	1092197	53.609	ug/l	97
71) Bromoform	12.457	173	287957	51.125	ug/l #	100
73) Isopropylbenzene	12.575	105	1757210	58.761	ug/l	99
74) N-amyl acetate	12.386	43	625131	65.397	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	549351	57.810	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	421112m	48.141	ug/l	
77) Bromobenzene	12.857	156	397700	54.326	ug/l	83
78) n-propylbenzene	12.916	91	1974166	58.757	ug/l	98
79) 2-Chlorotoluene	13.004	91	1200077	58.815	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1408690	58.146	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	162239	60.100	ug/l	91
82) 4-Chlorotoluene	13.098	91	1125397	56.820	ug/l	94
83) tert-Butylbenzene	13.322	119	1286497	55.992	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1365199	57.244	ug/l	100
85) sec-Butylbenzene	13.498	105	1735787	57.334	ug/l	99
86) p-Isopropyltoluene	13.610	119	1398922	56.287	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	669721	51.680	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	642570	50.609	ug/l	98
89) n-Butylbenzene	13.939	91	1047829	51.675	ug/l	96
90) Hexachloroethane	14.204	117	256752	57.846	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	636935	52.341	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	91242	59.262	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	280375	41.351	ug/l	100
94) Hexachlorobutadiene	15.363	225	188195	42.409	ug/l	98
95) Naphthalene	15.504	128	663059	40.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	264519	42.355	ug/l	99

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

