

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030722\
 Data File : VN071177.D
 Acq On : 07 Mar 2022 15:42
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

Quant Time: Mar 08 01:19:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 01:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	661040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1092520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1015667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	406095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	413181	53.874	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.740%			
35) Dibromofluoromethane	8.022	113	310449	48.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.140%			
50) Toluene-d8	10.439	98	1277805	49.464	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.727	95	431633	47.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	334523	48.695	ug/l	99
3) Chloromethane	2.299	50	466441	52.690	ug/l	99
4) Vinyl Chloride	2.440	62	413712	47.771	ug/l	97
5) Bromomethane	2.834	94	218932	45.659	ug/l	98
6) Chloroethane	3.004	64	264149	46.343	ug/l	99
7) Trichlorofluoromethane	3.369	101	540003	49.457	ug/l	97
8) Diethyl Ether	3.828	74	234918	49.508	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	312669	47.133	ug/l	94
10) Methyl Iodide	4.422	142	463998	50.553	ug/l	98
11) Tert butyl alcohol	5.369	59	411561	288.007	ug/l	99
12) 1,1-Dichloroethene	4.181	96	309880	47.753	ug/l	95
13) Acrolein	4.040	56	416143	309.173	ug/l	100
14) Allyl chloride	4.840	41	678162	53.603	ug/l #	86
15) Acrylonitrile	5.551	53	1258161	297.344	ug/l	99
16) Acetone	4.287	43	1018160	243.688	ug/l	98
17) Carbon Disulfide	4.528	76	875994	47.151	ug/l	98
18) Methyl Acetate	4.851	43	566579	54.172	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	1194622	52.144	ug/l	97
20) Methylene Chloride	5.093	84	385564	50.362	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	339191	48.728	ug/l	93
22) Diisopropyl ether	6.492	45	1356669	55.911	ug/l	92
23) Vinyl Acetate	6.434	43	5958775	288.703	ug/l	99
24) 1,1-Dichloroethane	6.387	63	703793	52.226	ug/l	100
25) 2-Butanone	7.334	43	1692412	295.080	ug/l	96
26) 2,2-Dichloropropane	7.328	77	550409	49.804	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	404056	50.294	ug/l	91
28) Bromochloromethane	7.657	49	318960	57.602	ug/l	82
29) Tetrahydrofuran	7.681	42	1177028	311.197	ug/l	91
30) Chloroform	7.816	83	670958	50.860	ug/l	99
31) Cyclohexane	8.092	56	661299	49.933	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	581998	51.282	ug/l	97
36) 1,1-Dichloropropene	8.216	75	513998	48.349	ug/l	96
37) Ethyl Acetate	7.410	43	714777	60.030	ug/l	97
38) Carbon Tetrachloride	8.204	117	499648	47.806	ug/l	99
39) Methylcyclohexane	9.457	83	628390	46.434	ug/l	93
40) Benzene	8.457	78	1560420	49.416	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	348390	56.996	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	548692	50.663	ug/l	99
43) Isopropyl Acetate	8.557	43	1038307	56.306	ug/l	98
44) Trichloroethene	9.216	130	372684	45.427	ug/l	98
45) 1,2-Dichloropropane	9.486	63	423697	51.956	ug/l	99
46) Dibromomethane	9.575	93	259268	48.814	ug/l	98
47) Bromodichloromethane	9.757	83	529029	49.193	ug/l	99
48) Methyl methacrylate	9.557	41	515790	58.710	ug/l #	82
49) 1,4-Dioxane	9.563	88	177013	1135.272	ug/l	87
51) 4-Methyl-2-Pentanone	10.327	43	3421043	300.130	ug/l	99
52) Toluene	10.504	92	993844	50.181	ug/l	94
53) t-1,3-Dichloropropene	10.716	75	597832	51.146	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	652867	50.914	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	380110	49.008	ug/l	99
56) Ethyl methacrylate	10.757	69	655162	55.426	ug/l	90
57) 1,3-Dichloropropane	11.039	76	688309	51.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	578095	288.698	ug/l	94
59) 2-Hexanone	11.080	43	2416797	308.207	ug/l	99
60) Dibromochloromethane	11.233	129	402379	49.448	ug/l	99
61) 1,2-Dibromoethane	11.345	107	398252	50.415	ug/l	99
64) Tetrachloroethene	10.974	164	327849	42.284	ug/l	99
65) Chlorobenzene	11.769	112	1020034	46.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	380131	47.882	ug/l	99
67) Ethyl Benzene	11.839	91	1882982	49.305	ug/l	98
68) m/p-Xylenes	11.951	106	1408379	96.223	ug/l	98
69) o-Xylene	12.280	106	701019	48.794	ug/l	98
70) Styrene	12.292	104	1112720	48.992	ug/l	97
71) Bromoform	12.457	173	302488	48.044	ug/l #	99
73) Isopropylbenzene	12.574	105	1802980	53.920	ug/l	100
74) N-amyl acetate	12.386	43	698208	63.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	594125	55.116	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	480366m	50.411	ug/l	
77) Bromobenzene	12.857	156	412773	50.892	ug/l	81
78) n-propylbenzene	12.916	91	1994179	53.355	ug/l	98
79) 2-Chlorotoluene	13.004	91	1228735	53.861	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1451847	53.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	180159	58.244	ug/l	91
82) 4-Chlorotoluene	13.104	91	1141583	52.125	ug/l	95
83) tert-Butylbenzene	13.321	119	1288717	50.728	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	1403507	52.977	ug/l	100
85) sec-Butylbenzene	13.498	105	1763761	52.566	ug/l	99
86) p-Isopropyltoluene	13.610	119	1416208	51.838	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	683366	48.340	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	649840	47.016	ug/l	97
89) n-Butylbenzene	13.939	91	1072919	48.665	ug/l	97
90) Hexachloroethane	14.210	117	266347	53.899	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	654417	49.079	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	103296	59.199	ug/l	88
93) 1,2,4-Trichlorobenzene	15.262	180	301389	46.763	ug/l	98
94) Hexachlorobutadiene	15.362	225	188541	40.002	ug/l	97
95) Naphthalene	15.504	128	794352	57.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	293477	49.814	ug/l	99

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

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