

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071113.D
 Acq On : 01 Mar 2022 12:21
 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 02 03:27:17 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 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	642169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1029046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	934768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	393740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409591	55.836	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.680%			
35) Dibromofluoromethane	8.016	113	325811	53.230	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.460%			
50) Toluene-d8	10.433	98	1279254	52.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.727	95	454773	51.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	306975	46.025	ug/l	98
3) Chloromethane	2.299	50	407373	48.592	ug/l	99
4) Vinyl Chloride	2.446	62	391336	46.630	ug/l	100
5) Bromomethane	2.834	94	214531	44.999	ug/l	100
6) Chloroethane	3.004	64	254015	46.136	ug/l	98
7) Trichlorofluoromethane	3.369	101	535900	50.954	ug/l	97
8) Diethyl Ether	3.822	74	236724	51.777	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	319504	49.515	ug/l	95
10) Methyl Iodide	4.422	142	441347	49.385	ug/l	97
11) Tert butyl alcohol	5.357	59	382081	285.803	ug/l	98
12) 1,1-Dichloroethene	4.187	96	300186	47.748	ug/l	95
13) Acrolein	4.040	56	377716	316.187	ug/l	98
14) Allyl chloride	4.840	41	652844	54.449	ug/l	86
15) Acrylonitrile	5.545	53	1157349	293.907	ug/l	99
16) Acetone	4.275	43	1028596	254.610	ug/l	97
17) Carbon Disulfide	4.534	76	731057	40.550	ug/l	99
18) Methyl Acetate	4.846	43	536791	60.814	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1239267	56.194	ug/l	95
20) Methylene Chloride	5.093	84	371601	50.612	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	323029	47.872	ug/l	91
22) Diisopropyl ether	6.487	45	1383098	60.145	ug/l	93
23) Vinyl Acetate	6.428	43	5850680	300.552	ug/l	98
24) 1,1-Dichloroethane	6.387	63	698125	54.156	ug/l	99
25) 2-Butanone	7.328	43	1577503	293.532	ug/l	96
26) 2,2-Dichloropropane	7.322	77	574402	53.613	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	400580	51.651	ug/l	89
28) Bromochloromethane	7.651	49	303437	58.157	ug/l	84
29) Tetrahydrofuran	7.675	42	1062851	305.285	ug/l	92
30) Chloroform	7.816	83	667063	52.612	ug/l	99
31) Cyclohexane	8.092	56	645662	50.893	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	579617	52.937	ug/l	98
36) 1,1-Dichloropropene	8.216	75	500894	49.950	ug/l	97
37) Ethyl Acetate	7.404	43	633574	58.912	ug/l	98
38) Carbon Tetrachloride	8.204	117	493860	49.984	ug/l	98
39) Methylcyclohexane	9.451	83	624639	48.409	ug/l	95
40) Benzene	8.457	78	1520135	51.248	ug/l	99

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41) Methacrylonitrile	7.628	41	324284	57.252	ug/l	91
42) 1,2-Dichloroethane	8.522	62	541263	53.578	ug/l	98
43) Isopropyl Acetate	8.557	43	998807	58.921	ug/l	98
44) Trichloroethene	9.210	130	365864	46.840	ug/l	100
45) 1,2-Dichloropropane	9.486	63	413698	54.447	ug/l	99
46) Dibromomethane	9.569	93	253548	50.707	ug/l	97
47) Bromodichloromethane	9.757	83	529836	52.429	ug/l	98
48) Methyl methacrylate	9.551	41	487651	60.776	ug/l #	82
49) 1,4-Dioxane	9.563	88	158602	1112.908	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	3167104	307.076	ug/l	98
52) Toluene	10.498	92	953651	51.165	ug/l	97
53) t-1,3-Dichloropropene	10.710	75	596688	54.300	ug/l	100
54) cis-1,3-Dichloropropene	10.180	75	650445	53.899	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	380037	52.089	ug/l	98
56) Ethyl methacrylate	10.757	69	641785	58.383	ug/l	91
57) 1,3-Dichloropropane	11.039	76	678981	53.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	590035	242.411	ug/l	95
59) 2-Hexanone	11.080	43	2215668	312.360	ug/l	98
60) Dibromochloromethane	11.233	129	401842	52.117	ug/l	99
61) 1,2-Dibromoethane	11.339	107	385677	51.971	ug/l	98
64) Tetrachloroethene	10.975	164	328672	45.148	ug/l	98
65) Chlorobenzene	11.763	112	1010004	50.142	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	378954	51.611	ug/l	100
67) Ethyl Benzene	11.839	91	1845316	52.343	ug/l	97
68) m/p-Xylenes	11.945	106	1401633	102.927	ug/l	100
69) o-Xylene	12.274	106	693542	52.136	ug/l	98
70) Styrene	12.286	104	1126690	53.266	ug/l	97
71) Bromoform	12.451	173	299636	51.240	ug/l #	99
73) Isopropylbenzene	12.574	105	1803779	56.915	ug/l	99
74) N-amyl acetate	12.380	43	683904	67.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	585568	58.144	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	438039m	47.250	ug/l	
77) Bromobenzene	12.857	156	419925	54.125	ug/l	84
78) n-propylbenzene	12.916	91	2038792	57.256	ug/l	97
79) 2-Chlorotoluene	13.004	91	1235168	57.119	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1462166	56.947	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	175286	61.269	ug/l	90
82) 4-Chlorotoluene	13.098	91	1183854	56.398	ug/l	94
83) tert-Butylbenzene	13.316	119	1333018	54.743	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1425278	56.391	ug/l	100
85) sec-Butylbenzene	13.498	105	1806218	56.293	ug/l	99
86) p-Isopropyltoluene	13.610	119	1471344	55.860	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	718254	52.297	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	695420	51.680	ug/l	98
89) n-Butylbenzene	13.939	91	1136821	52.900	ug/l	96
90) Hexachloroethane	14.204	117	268737	57.130	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	685389	53.145	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	97744	59.902	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	324530	44.978	ug/l	99
94) Hexachlorobutadiene	15.363	225	204671	43.519	ug/l	98
95) Naphthalene	15.498	128	831413	47.507	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	312208	46.884	ug/l	99

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

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