

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070670.D
 Acq On : 18 Jan 2022 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 19 01:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	891942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1423869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1333030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	581826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	557803	43.637	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.280%		
35) Dibromofluoromethane	8.019	113	406100	45.979	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.960%		
50) Toluene-d8	10.440	98	1699591	45.678	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.360%		
62) 4-Bromofluorobenzene	12.728	95	630108	47.523	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	468097	45.416	ug/l	98
3) Chloromethane	2.303	50	660373	43.833	ug/l	99
4) Vinyl Chloride	2.448	62	638743	44.577	ug/l	99
5) Bromomethane	2.848	94	362406	48.560	ug/l	98
6) Chloroethane	3.017	64	398360	44.549	ug/l	96
7) Trichlorofluoromethane	3.376	101	771606	47.138	ug/l	99
8) Diethyl Ether	3.824	74	319293	44.653	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.207	101	440146	44.489	ug/l	95
10) Methyl Iodide	4.419	142	590431	46.281	ug/l	100
11) Tert butyl alcohol	5.374	59	515157	223.378	ug/l	98
12) 1,1-Dichloroethene	4.181	96	436277	44.214	ug/l	90
13) Acrolein	4.039	56	695351	210.232	ug/l	100
14) Allyl chloride	4.838	41	1011738	47.059	ug/l #	84
15) Acrylonitrile	5.551	53	1675437	228.369	ug/l	99
16) Acetone	4.285	43	1799010	202.767	ug/l	98
17) Carbon Disulfide	4.527	76	1236312	46.133	ug/l	98
18) Methyl Acetate	4.854	43	758140	43.450	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1658944	47.062	ug/l	93
20) Methylene Chloride	5.095	84	524666	44.894	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	467704	47.095	ug/l	85
22) Diisopropyl ether	6.495	45	2006816	47.093	ug/l #	91
23) Vinyl Acetate	6.431	43	8650223	239.464	ug/l	95
24) 1,1-Dichloroethane	6.385	63	987285	46.316	ug/l	98
25) 2-Butanone	7.332	43	2478259	221.979	ug/l	92
26) 2,2-Dichloropropane	7.324	77	770075	47.119	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	546053	46.286	ug/l	86
28) Bromochloromethane	7.657	49	437603	45.724	ug/l #	75
29) Tetrahydrofuran	7.683	42	1575592	230.484	ug/l	87
30) Chloroform	7.815	83	954631	45.819	ug/l	100
31) Cyclohexane	8.094	56	1002168	44.522	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	776473	46.930	ug/l	98
36) 1,1-Dichloropropene	8.220	75	722539	48.594	ug/l	96
37) Ethyl Acetate	7.410	43	934001	47.315	ug/l	97
38) Carbon Tetrachloride	8.204	117	639523	48.347	ug/l	99
39) Methylcyclohexane	9.459	83	912061	49.687	ug/l	89
40) Benzene	8.458	78	2201222	47.778	ug/l	100

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41) Methacrylonitrile	7.635	41	467266	46.527	ug/l	89
42) 1,2-Dichloroethane	8.528	62	766851	48.003	ug/l	99
43) Isopropyl Acetate	8.558	43	1449188	48.064	ug/l #	96
44) Trichloroethene	9.215	130	502997	48.158	ug/l	90
45) 1,2-Dichloropropane	9.488	63	602521	48.066	ug/l	100
46) Dibromomethane	9.574	93	351964	48.289	ug/l	94
47) Bromodichloromethane	9.759	83	719109	48.265	ug/l	100
48) Methyl methacrylate	9.558	41	721669	50.241	ug/l #	77
49) 1,4-Dioxane	9.566	88	220401	1021.499	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	4660483	242.236	ug/l	98
52) Toluene	10.502	92	1349566	48.970	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	818997	45.554	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	897111	50.208	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	515350	47.601	ug/l	97
56) Ethyl methacrylate	10.760	69	908275	44.382	ug/l	89
57) 1,3-Dichloropropane	11.044	76	930656	48.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1124590	218.245	ug/l	90
59) 2-Hexanone	11.084	43	3447827	246.686	ug/l	97
60) Dibromochloromethane	11.237	129	509074	50.410	ug/l	100
61) 1,2-Dibromoethane	11.344	107	524041	48.210	ug/l	99
64) Tetrachloroethene	10.974	164	460598	47.126	ug/l	94
65) Chlorobenzene	11.768	112	1381395	47.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	479628	48.225	ug/l	99
67) Ethyl Benzene	11.843	91	2631017	49.135	ug/l	96
68) m/p-Xylenes	11.953	106	1939446	99.562	ug/l	92
69) o-Xylene	12.278	106	956186	49.463	ug/l	92
70) Styrene	12.291	104	1589326	51.391	ug/l	96
71) Bromoform	12.455	173	372645	49.603	ug/l #	100
73) Isopropylbenzene	12.578	105	2516329	45.715	ug/l	98
74) N-amyl acetate	12.385	43	1072529	47.656	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	815472	43.868	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	758704m	49.166	ug/l	
77) Bromobenzene	12.860	156	566610	45.912	ug/l	75
78) n-propylbenzene	12.919	91	2974833	48.326	ug/l	96
79) 2-Chlorotoluene	13.004	91	1794896	46.094	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2097955	47.132	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	244666	47.234	ug/l	94
82) 4-Chlorotoluene	13.104	91	1755657	48.255	ug/l	91
83) tert-Butylbenzene	13.321	119	1804251	46.564	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2054390	48.015	ug/l	98
85) sec-Butylbenzene	13.501	105	2570251	48.793	ug/l	97
86) p-Isopropyltoluene	13.613	119	2070232	50.029	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	993178	48.378	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	965863	47.275	ug/l	97
89) n-Butylbenzene	13.940	91	1746301	51.154	ug/l	96
90) Hexachloroethane	14.209	117	345797	47.805	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	946899	46.684	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	139078	44.105	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	471340	44.270	ug/l	98
94) Hexachlorobutadiene	15.367	225	298768	49.735	ug/l	100
95) Naphthalene	15.504	128	1177443	40.113	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	447081	43.928	ug/l	98

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

