

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069803.D
 Acq On : 7 Dec 2021 9:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:30:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1104580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1786474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1672088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	745755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	796698	46.714	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.420%		
35) Dibromofluoromethane	8.018	113	549041	49.065	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.120%		
50) Toluene-d8	10.440	98	2173624	48.376	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.760%		
62) 4-Bromofluorobenzene	12.728	95	813599	49.982	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.072	85	664055	51.544	ug/l	100
3) Chloromethane	2.303	50	731892	45.346	ug/l	98
4) Vinyl Chloride	2.448	62	719352	48.470	ug/l	100
5) Bromomethane	2.842	94	410629	50.928	ug/l	99
6) Chloroethane	3.014	64	432768	47.586	ug/l	99
7) Trichlorofluoromethane	3.376	101	973096	49.958	ug/l	98
8) Diethyl Ether	3.821	74	367567	48.996	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	573385	52.514	ug/l	96
10) Methyl Iodide	4.417	142	689416	46.219	ug/l	97
11) Tert butyl alcohol	5.374	59	604849	187.622	ug/l	98
12) 1,1-Dichloroethene	4.178	96	530110	50.383	ug/l	91
13) Acrolein	4.038	56	915168	333.356	ug/l	97
14) Allyl chloride	4.838	41	1167250	49.233	ug/l	95
15) Acrylonitrile	5.551	53	1846040	212.509	ug/l	99
16) Acetone	4.282	43	2555947	249.137	ug/l	96
17) Carbon Disulfide	4.529	76	1359284	50.006	ug/l	98
18) Methyl Acetate	4.851	43	1305735	42.166	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	2012378	49.190	ug/l	96
20) Methylene Chloride	5.092	84	635603	46.604	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	568938	49.784	ug/l	87
22) Diisopropyl ether	6.492	45	2332182	50.327	ug/l	96
23) Vinyl Acetate	6.431	43	9497680	251.923	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1195120	49.787	ug/l	98
25) 2-Butanone	7.332	43	3122272	223.991	ug/l	91
26) 2,2-Dichloropropane	7.324	77	995300	53.327	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	682209	49.410	ug/l	86
28) Bromochloromethane	7.656	49	570194	45.678	ug/l #	80
29) Tetrahydrofuran	7.681	42	1748506	206.575	ug/l	88
30) Chloroform	7.815	83	1206590	49.770	ug/l	100
31) Cyclohexane	8.094	56	1162821	48.993	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	1046043	50.654	ug/l	96
36) 1,1-Dichloropropene	8.220	75	896957	52.741	ug/l	97
37) Ethyl Acetate	7.410	43	1111189	43.899	ug/l	95
38) Carbon Tetrachloride	8.203	117	875978	52.526	ug/l	98
39) Methylcyclohexane	9.459	83	1113777	55.058	ug/l	90
40) Benzene	8.458	78	2641904	50.823	ug/l	99

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41) Methacrylonitrile	7.635	41	551129	46.382	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1060798	50.552	ug/l	96
43) Isopropyl Acetate	8.558	43	1788033	47.734	ug/l #	95
44) Trichloroethene	9.215	130	644668	51.959	ug/l	90
45) 1,2-Dichloropropane	9.488	63	723971	51.863	ug/l	100
46) Dibromomethane	9.577	93	462513	50.521	ug/l	93
47) Bromodichloromethane	9.759	83	938733	54.157	ug/l	99
48) Methyl methacrylate	9.558	41	821158	46.975	ug/l	87
49) 1,4-Dioxane	9.569	88	256383	817.395	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	5613753	231.018	ug/l	95
52) Toluene	10.502	92	1653746	52.109	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1006966	48.389	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1091218	49.871	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	649690	50.737	ug/l	98
56) Ethyl methacrylate	10.759	69	1098802	45.684	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1145233	50.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1414567	219.247	ug/l	92
59) 2-Hexanone	11.084	43	4325552	235.312	ug/l	93
60) Dibromochloromethane	11.237	129	665969	48.609	ug/l	99
61) 1,2-Dibromoethane	11.344	107	668066	50.371	ug/l	99
64) Tetrachloroethene	10.977	164	584590	51.561	ug/l	95
65) Chlorobenzene	11.768	112	1760113	51.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	640352	53.634	ug/l	99
67) Ethyl Benzene	11.843	91	3323254	53.933	ug/l	96
68) m/p-Xylenes	11.950	106	2467434	109.978	ug/l	93
69) o-Xylene	12.280	106	1215816	53.800	ug/l	92
70) Styrene	12.294	104	2006412	55.991	ug/l	96
71) Bromoform	12.457	173	479152	47.090	ug/l #	100
73) Isopropylbenzene	12.578	105	3228578	48.659	ug/l	99
74) N-amyl acetate	12.387	43	1359547	46.333	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1006408	43.863	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	897777m	41.979	ug/l	
77) Bromobenzene	12.859	156	737621	47.329	ug/l	80
78) n-propylbenzene	12.918	91	3813095	51.644	ug/l	96
79) 2-Chlorotoluene	13.004	91	2290350	49.092	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2711666	50.776	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	282968	43.848	ug/l	93
82) 4-Chlorotoluene	13.103	91	2226925	50.756	ug/l	93
83) tert-Butylbenzene	13.323	119	2325904	49.185	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2654915	52.200	ug/l	97
85) sec-Butylbenzene	13.500	105	3314494	51.674	ug/l	98
86) p-Isopropyltoluene	13.613	119	2700418	53.860	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1302879	50.887	ug/l	97
88) 1,4-Dichlorobenzene	13.693	146	1269369	50.449	ug/l	98
89) n-Butylbenzene	13.940	91	2245642	55.215	ug/l	97
90) Hexachloroethane	14.208	117	448467	50.947	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	1244337	49.879	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178689	43.099	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	572681	46.989	ug/l	98
94) Hexachlorobutadiene	15.370	225	347403	52.545	ug/l	99
95) Naphthalene	15.504	128	1389286	39.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	538744	45.414	ug/l	99

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

