

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069756.D
 Acq On : 4 Dec 2021 8:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 09:52:20 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	8.086	168	1061550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1794381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1661295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	715289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	826337	50.416	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.840%			
35) Dibromofluoromethane	8.021	113	573314	51.008	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.020%			
50) Toluene-d8	10.440	98	2257635	50.024	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.728	95	819410	50.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	665421	53.744	ug/l	100
3) Chloromethane	2.303	50	732002	47.191	ug/l	99
4) Vinyl Chloride	2.448	62	728302	51.063	ug/l	100
5) Bromomethane	2.850	94	274299	35.399	ug/l	99
6) Chloroethane	3.019	64	423398	48.443	ug/l	99
7) Trichlorofluoromethane	3.379	101	944014	50.430	ug/l	98
8) Diethyl Ether	3.824	74	373284	51.775	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	536908	51.167	ug/l	96
10) Methyl Iodide	4.422	142	493898	34.454	ug/l	98
11) Tert butyl alcohol	5.374	59	645648	208.396	ug/l	97
12) 1,1-Dichloroethene	4.181	96	528271	52.244	ug/l	90
13) Acrolein	4.041	56	425722	161.358	ug/l	98
14) Allyl chloride	4.840	41	1146995	50.340	ug/l	94
15) Acrylonitrile	5.554	53	1947716	233.302	ug/l	98
16) Acetone	4.285	43	1786303	181.175	ug/l	97
17) Carbon Disulfide	4.529	76	1457955	55.810	ug/l	100
18) Methyl Acetate	4.854	43	1367336	45.945	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	2031582	51.672	ug/l	95
20) Methylene Chloride	5.095	84	641628	48.953	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	561831	51.155	ug/l	85
22) Diisopropyl ether	6.495	45	2364130	53.084	ug/l	94
23) Vinyl Acetate	6.434	43	9737538	268.755	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1206348	52.291	ug/l	99
25) 2-Butanone	7.335	43	2847962	212.594	ug/l	91
26) 2,2-Dichloropropane	7.327	77	766934	42.757	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	674669	50.844	ug/l	87
28) Bromochloromethane	7.657	49	590869	49.253	ug/l #	78
29) Tetrahydrofuran	7.683	42	1870169	229.905	ug/l	88
30) Chloroform	7.817	83	1187898	50.985	ug/l	100
31) Cyclohexane	8.094	56	1145219	50.208	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1044878	52.649	ug/l	96
36) 1,1-Dichloropropene	8.222	75	878146	51.408	ug/l	96
37) Ethyl Acetate	7.412	43	1162031	45.705	ug/l	95
38) Carbon Tetrachloride	8.206	117	865724	51.682	ug/l	99
39) Methylcyclohexane	9.459	83	1048566	51.606	ug/l	90
40) Benzene	8.458	78	2643682	50.633	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	591415	49.553	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1049340	49.785	ug/l	97
43) Isopropyl Acetate	8.560	43	1862114	49.493	ug/l #	94
44) Trichloroethene	9.215	130	649265	52.099	ug/l	90
45) 1,2-Dichloropropane	9.488	63	721049	51.426	ug/l	100
46) Dibromomethane	9.577	93	466329	50.713	ug/l	93
47) Bromodichloromethane	9.762	83	916711	52.653	ug/l	99
48) Methyl methacrylate	9.558	41	865301	49.282	ug/l	86
49) 1,4-Dioxane	9.569	88	249847	793.047	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5901558	241.792	ug/l	95
52) Toluene	10.505	92	1639956	51.447	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	960735	46.104	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1038932	47.377	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	642576	49.961	ug/l	97
56) Ethyl methacrylate	10.760	69	1109436	45.911	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1146800	50.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1448757	223.195	ug/l	91
59) 2-Hexanone	11.084	43	4230993	229.153	ug/l	93
60) Dibromochloromethane	11.237	129	661230	48.078	ug/l	99
61) 1,2-Dibromoethane	11.344	107	669703	50.272	ug/l	100
64) Tetrachloroethene	10.977	164	588827	52.272	ug/l	95
65) Chlorobenzene	11.768	112	1724895	51.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	626919	52.850	ug/l	100
67) Ethyl Benzene	11.843	91	3239121	52.909	ug/l	96
68) m/p-Xylenes	11.953	106	2362426	105.982	ug/l	92
69) o-Xylene	12.278	106	1182129	52.649	ug/l	91
70) Styrene	12.294	104	1934945	54.347	ug/l	95
71) Bromoform	12.457	173	468767	46.410	ug/l #	98
73) Isopropylbenzene	12.578	105	3135394	49.267	ug/l	98
74) N-amyl acetate	12.388	43	1420161	50.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1026828	46.659	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	906590m	44.196	ug/l	
77) Bromobenzene	12.860	156	717803	48.019	ug/l	80
78) n-propylbenzene	12.919	91	3572096	50.440	ug/l	96
79) 2-Chlorotoluene	13.007	91	2185152	48.833	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2553236	49.845	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	188454	31.687	ug/l	93
82) 4-Chlorotoluene	13.104	91	2104619	50.012	ug/l	92
83) tert-Butylbenzene	13.321	119	2223224	49.016	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2511121	51.475	ug/l	97
85) sec-Butylbenzene	13.501	105	3092623	50.268	ug/l	97
86) p-Isopropyltoluene	13.613	119	2470959	51.383	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1218822	49.631	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1181483	48.956	ug/l	97
89) n-Butylbenzene	13.940	91	2011787	51.572	ug/l	98
90) Hexachloroethane	14.209	117	375268	44.447	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1189337	49.705	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	189184	47.573	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	565969	48.329	ug/l	98
94) Hexachlorobutadiene	15.367	225	297940	46.983	ug/l	99
95) Naphthalene	15.504	128	1671669	47.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	561461	49.134	ug/l	98

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

