

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069687.D
 Acq On : 1 Dec 2021 12:18
 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 12/02/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 02 07:24:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1158802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1871460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1765214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	772997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	830431	49.424	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.840%		
35) Dibromofluoromethane	8.021	113	580378	51.708	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.420%		
50) Toluene-d8	10.440	98	2183603	49.465	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.731	95	869628	53.624	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	522438	42.200	ug/l	98
3) Chloromethane	2.303	50	573981	39.978	ug/l	99
4) Vinyl Chloride	2.448	62	587696	40.881	ug/l	98
5) Bromomethane	2.842	94	400484	42.895	ug/l	100
6) Chloroethane	3.014	64	382632	39.432	ug/l	98
7) Trichlorofluoromethane	3.373	101	893617	40.220	ug/l	98
8) Diethyl Ether	3.821	74	369257	51.368	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.207	101	550069	52.558	ug/l	96
10) Methyl Iodide	4.419	142	668246	52.057	ug/l	98
11) Tert butyl alcohol	5.377	59	676907	223.575	ug/l	99
12) 1,1-Dichloroethene	4.181	96	464373	49.443	ug/l	90
13) Acrolein	4.038	56	94587	219.817	ug/l	99
14) Allyl chloride	4.838	41	1103946	53.164	ug/l	94
15) Acrylonitrile	5.551	53	2035384	262.518	ug/l	99
16) Acetone	4.282	43	2446870	269.913	ug/l	97
17) Carbon Disulfide	4.527	76	835782	37.646	ug/l	98
18) Methyl Acetate	4.854	43	1478308	50.165	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	2191242	55.128	ug/l	95
20) Methylene Chloride	5.092	84	627919	48.846	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	499745	47.639	ug/l	89
22) Diisopropyl ether	6.495	45	2505699	56.018	ug/l	95
23) Vinyl Acetate	6.431	43	9604870	277.630	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1203496	52.824	ug/l	99
25) 2-Butanone	7.335	43	3197904	260.515	ug/l	92
26) 2,2-Dichloropropane	7.324	77	1020084	57.226	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	682821	52.508	ug/l	86
28) Bromochloromethane	7.656	49	615858	52.785	ug/l #	81
29) Tetrahydrofuran	7.683	42	1890562	250.969	ug/l	89
30) Chloroform	7.817	83	1261443	54.007	ug/l	99
31) Cyclohexane	8.094	56	985068	42.914	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1045986	53.651	ug/l	95
36) 1,1-Dichloropropene	8.220	75	820213	52.087	ug/l	96
37) Ethyl Acetate	7.410	43	1181455	55.502	ug/l	96
38) Carbon Tetrachloride	8.204	117	845706	55.628	ug/l	100
39) Methylcyclohexane	9.459	83	968218	49.426	ug/l	90
40) Benzene	8.458	78	2556214	52.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	624526	56.780	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1075198	56.494	ug/l	97
43) Isopropyl Acetate	8.558	43	1924380	56.283	ug/l	94
44) Trichloroethene	9.215	130	625469	53.768	ug/l	94
45) 1,2-Dichloropropane	9.488	63	743731	57.271	ug/l	99
46) Dibromomethane	9.577	93	469183	53.940	ug/l	93
47) Bromodichloromethane	9.762	83	974533	60.040	ug/l	100
48) Methyl methacrylate	9.558	41	887014	55.141	ug/l	90
49) 1,4-Dioxane	9.569	88	271779	858.289	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	6250191	283.205	ug/l	95
52) Toluene	10.505	92	1615746	53.359	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1059696	52.936	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	1112296	52.790	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	709891	58.158	ug/l	97
56) Ethyl methacrylate	10.759	69	1194439	51.846	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1221961	56.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1389418	236.280	ug/l	92
59) 2-Hexanone	11.084	43	4618041	247.896	ug/l	93
60) Dibromochloromethane	11.237	129	719759	53.544	ug/l	100
61) 1,2-Dibromoethane	11.344	107	700471	51.383	ug/l	100
64) Tetrachloroethene	10.977	164	559544	52.497	ug/l	93
65) Chlorobenzene	11.771	112	1814075	55.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	689435	60.495	ug/l	99
67) Ethyl Benzene	11.843	91	3337274	55.072	ug/l	96
68) m/p-Xylenes	11.953	106	2434488	109.232	ug/l	93
69) o-Xylene	12.280	106	1239573	55.789	ug/l	93
70) Styrene	12.294	104	2059073	51.566	ug/l	96
71) Bromoform	12.457	173	517258	52.116	ug/l #	100
73) Isopropylbenzene	12.578	105	3345225	54.353	ug/l	99
74) N-amyl acetate	12.387	43	1481898	56.815	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1120652	53.987	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	891171m	49.956	ug/l	
77) Bromobenzene	12.859	156	771451	54.807	ug/l	79
78) n-propylbenzene	12.918	91	3851849	55.619	ug/l	96
79) 2-Chlorotoluene	13.007	91	2346207	54.716	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2733230	54.933	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	307111	51.101	ug/l	95
82) 4-Chlorotoluene	13.103	91	2288334	55.982	ug/l	92
83) tert-Butylbenzene	13.323	119	2486695	57.032	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2678197	55.757	ug/l	98
85) sec-Butylbenzene	13.500	105	3442830	56.525	ug/l	98
86) p-Isopropyltoluene	13.616	119	2756050	57.001	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1353272	55.453	ug/l	97
88) 1,4-Dichlorobenzene	13.693	146	1311986	54.802	ug/l	97
89) n-Butylbenzene	13.943	91	2328952	57.761	ug/l	98
90) Hexachloroethane	14.211	117	477947	53.615	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1303068	56.115	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	197963	51.248	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	639486	52.398	ug/l	98
94) Hexachlorobutadiene	15.370	225	371134	61.510	ug/l	99
95) Naphthalene	15.507	128	1693969	49.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	621781	53.223	ug/l	99

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

