

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067809.D
 Acq On : 19 Jul 2021 21:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:47 PM

Quant Time: Jul 20 04:55:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	371820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	694901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	683507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	346552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	284960	50.711	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.420%			
35) Dibromofluoromethane	8.024	113	214782	51.158	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.320%			
50) Toluene-d8	10.443	98	892426	50.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.734	95	325120	52.371	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	154737	48.962	ug/l	98
3) Chloromethane	2.301	50	207263	41.406	ug/l	98
4) Vinyl Chloride	2.443	62	346426	45.857	ug/l	98
5) Bromomethane	2.834	94	278130	54.600	ug/l	99
6) Chloroethane	3.006	64	277591	55.522	ug/l	94
7) Trichlorofluoromethane	3.365	101	657426	57.751	ug/l	99
8) Diethyl Ether	3.821	74	122084	40.596	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.199	101	181199	52.583	ug/l	95
10) Methyl Iodide	4.414	142	222929	54.307	ug/l	92
11) Tert butyl alcohol	5.385	59	197643	244.760	ug/l	100
12) 1,1-Dichloroethene	4.173	96	173252	52.403	ug/l	87
13) Acrolein	4.039	56	120235	306.372	ug/l	99
14) Allyl chloride	4.832	41	298715	49.152	ug/l	93
15) Acrylonitrile	5.554	53	544462	271.845	ug/l	100
16) Acetone	4.288	43	446724	252.647	ug/l	94
17) Carbon Disulfide	4.521	76	443625	48.441	ug/l	98
18) Methyl Acetate	4.857	43	265511	53.461	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	721827	52.687	ug/l	98
20) Methylene Chloride	5.095	84	224668	54.491	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	203207	51.986	ug/l	91
22) Diisopropyl ether	6.501	45	738861	53.576	ug/l	97
23) Vinyl Acetate	6.436	43	3128125m	265.312	ug/l	
24) 1,1-Dichloroethane	6.385	63	399029	51.902	ug/l	99
25) 2-Butanone	7.340	43	781223	266.073	ug/l	94
26) 2,2-Dichloropropane	7.327	77	305459	45.464	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	261156	53.389	ug/l	84
28) Bromochloromethane	7.657	49	183183	48.829	ug/l #	81
29) Tetrahydrofuran	7.689	42	516772	267.641	ug/l	92
30) Chloroform	7.817	83	456815	52.899	ug/l	98
31) Cyclohexane	8.094	56	361633	45.897	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	407771	54.456	ug/l	98
36) 1,1-Dichloropropene	8.220	75	325045	50.356	ug/l	96
37) Ethyl Acetate	7.415	43	323149	51.668	ug/l	99
38) Carbon Tetrachloride	8.206	117	345356	54.240	ug/l	99
39) Methylcyclohexane	9.462	83	355338	50.285	ug/l	91
40) Benzene	8.461	78	1000525	51.782	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	160272	49.860	ug/l	91
42) 1,2-Dichloroethane	8.531	62	369136	51.445	ug/l	96
43) Isopropyl Acetate	8.563	43	579003	52.628	ug/l	97
44) Trichloroethene	9.217	130	246423	50.253	ug/l	88
45) 1,2-Dichloropropane	9.491	63	251515	51.414	ug/l	100
46) Dibromomethane	9.580	93	185277	53.377	ug/l	95
47) Bromodichloromethane	9.765	83	365019	53.790	ug/l	99
48) Methyl methacrylate	9.561	41	250546	51.490	ug/l	88
49) 1,4-Dioxane	9.571	88	83343	865.366	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	1861038	275.348	ug/l	95
52) Toluene	10.508	92	681831	53.871	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	393224	48.676	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	402460	53.330	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	267825	55.216	ug/l	96
56) Ethyl methacrylate	10.765	69	421145	56.358	ug/l	92
57) 1,3-Dichloropropane	11.047	76	443172	53.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	489932	246.140	ug/l	92
59) 2-Hexanone	11.089	43	1349503	286.046	ug/l	94
60) Dibromochloromethane	11.240	129	288757	48.576	ug/l	100
61) 1,2-Dibromoethane	11.347	107	280280	56.599	ug/l	99
64) Tetrachloroethene	10.980	164	226478	46.941	ug/l	94
65) Chlorobenzene	11.773	112	733257	52.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	277775	56.254	ug/l	99
67) Ethyl Benzene	11.848	91	1366726	53.480	ug/l	96
68) m/p-Xylenes	11.956	106	1057932	109.451	ug/l	86
69) o-Xylene	12.283	106	518554	54.566	ug/l	88
70) Styrene	12.296	104	877685	57.735	ug/l	93
71) Bromoform	12.460	173	199491	45.828	ug/l #	100
73) Isopropylbenzene	12.581	105	1353079	48.391	ug/l	97
74) N-amyl acetate	12.390	43	517460	51.012	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	407979	50.274	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	318448m	44.996	ug/l	
77) Bromobenzene	12.862	156	309980	50.089	ug/l	75
78) n-propylbenzene	12.924	91	1547050	48.919	ug/l	96
79) 2-Chlorotoluene	13.010	91	929401	48.644	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1131117	49.925	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	112368	51.190	ug/l	95
82) 4-Chlorotoluene	13.106	91	937161	49.568	ug/l	92
83) tert-Butylbenzene	13.326	119	967180	50.057	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1141814	51.434	ug/l	94
85) sec-Butylbenzene	13.506	105	1328459	49.680	ug/l	96
86) p-Isopropyltoluene	13.619	119	1108973	51.392	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	593991	51.738	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	576278	49.027	ug/l	95
89) n-Butylbenzene	13.946	91	895097	48.361	ug/l	98
90) Hexachloroethane	14.214	117	190335	53.109	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	563780	50.873	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	72744	51.612	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	239818	41.994	ug/l	99
94) Hexachlorobutadiene	15.373	225	114688	49.250	ug/l	100
95) Naphthalene	15.507	128	702468	41.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	229893	41.990	ug/l	99

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

