

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067871.D
 Acq On : 23 Jul 2021 9:50
 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

MMDadoda
 7/26/2021 5:21:47 PM

Quant Time: Jul 24 01:40:14 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		8.086	168	374424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.968	114	662678	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.747	117	637023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	329077	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.437	65	287535	50.813	ug/l	0.00
Spiked Amount 50.000		Range	61 - 141	Recovery	= 101.620%		
35) Dibromofluoromethane		8.021	113	215900	53.925	ug/l	0.00
Spiked Amount 50.000		Range	69 - 133	Recovery	= 107.840%		
50) Toluene-d8		10.443	98	870013	51.914	ug/l	0.00
Spiked Amount 50.000		Range	65 - 126	Recovery	= 103.820%		
62) 4-Bromofluorobenzene		12.733	95	323398	54.627	ug/l	0.00
Spiked Amount 50.000		Range	58 - 135	Recovery	= 109.260%		
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.070	85	171173	53.786	ug/l	99
3) Chloromethane		2.301	50	209605	41.583	ug/l	99
4) Vinyl Chloride		2.443	62	329539	43.318	ug/l	95
5) Bromomethane		2.832	94	261332	50.581	ug/l	98
6) Chloroethane		3.006	64	260192	50.756	ug/l	99
7) Trichlorofluoromethane		3.368	101	636792	55.413	ug/l	98
8) Diethyl Ether		3.821	74	126417	41.744	ug/l	91
9) 1,1,2-Trichlorotrifluo...		4.202	101	199482	57.487	ug/l	96
10) Methyl Iodide		4.414	142	240788	58.250	ug/l	91
11) Tert butyl alcohol		5.382	59	188038	231.245	ug/l	100
12) 1,1-Dichloroethene		4.173	96	176293	52.952	ug/l	87
13) Acrolein		4.036	56	123272	312.003	ug/l	100
14) Allyl chloride		4.835	41	313064	51.155	ug/l	96
15) Acrylonitrile		5.554	53	537311	266.409	ug/l	100
16) Acetone		4.285	43	512591	287.882	ug/l	92
17) Carbon Disulfide		4.521	76	451725	48.983	ug/l	99
18) Methyl Acetate		4.854	43	257449	51.477	ug/l	94
19) Methyl tert-butyl Ether		5.616	73	740756	53.693	ug/l	100
20) Methylene Chloride		5.093	84	228519	55.047	ug/l	88
21) trans-1,2-Dichloroethene		5.594	96	212094	53.883	ug/l	90
22) Diisopropyl ether		6.498	45	742258	53.448	ug/l	97
23) Vinyl Acetate		6.431	43	3094568	260.641	ug/l	95
24) 1,1-Dichloroethane		6.385	63	405124	52.329	ug/l	99
25) 2-Butanone		7.337	43	764307	258.501	ug/l	94
26) 2,2-Dichloropropane		7.324	77	364871	53.929	ug/l	94
27) cis-1,2-Dichloroethene		7.324	96	264238	53.643	ug/l	85
28) Bromochloromethane		7.657	49	178103	47.144	ug/l #	80
29) Tetrahydrofuran		7.686	42	481538	247.658	ug/l	92
30) Chloroform		7.817	83	456831	52.533	ug/l	99
31) Cyclohexane		8.091	56	354886	44.728	ug/l	95
32) 1,1,1-Trichloroethane		8.013	97	396031	52.520	ug/l	98
36) 1,1-Dichloropropene		8.220	75	324492	52.715	ug/l	96
37) Ethyl Acetate		7.412	43	301955	50.627	ug/l	99
38) Carbon Tetrachloride		8.206	117	337575	55.596	ug/l	99
39) Methylcyclohexane		9.459	83	355923	52.817	ug/l	92
40) Benzene		8.458	78	983400	53.371	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	161228	52.596	ug/l	95
42) 1,2-Dichloroethane	8.531	62	369503	54.000	ug/l	97
43) Isopropyl Acetate	8.563	43	545149	51.961	ug/l	96
44) Trichloroethene	9.215	130	256831	54.923	ug/l	83
45) 1,2-Dichloropropane	9.491	63	248465	53.260	ug/l	97
46) Dibromomethane	9.577	93	180440	54.511	ug/l	94
47) Bromodichloromethane	9.762	83	363339	56.146	ug/l	99
48) Methyl methacrylate	9.561	41	235229	50.693	ug/l	87
49) 1,4-Dioxane	9.571	88	84481	917.813	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1700314	263.801	ug/l	95
52) Toluene	10.507	92	665735	55.157	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	394866	51.164	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	411798	57.221	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	261915	56.624	ug/l	96
56) Ethyl methacrylate	10.762	69	405919	56.962	ug/l	91
57) 1,3-Dichloropropane	11.047	76	430143	54.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	405319	215.786	ug/l	94
59) 2-Hexanone	11.087	43	1223357	271.917	ug/l	93
60) Dibromochloromethane	11.240	129	284770	50.154	ug/l	98
61) 1,2-Dibromoethane	11.347	107	267358	56.615	ug/l	100
64) Tetrachloroethene	10.979	164	248627	55.292	ug/l	96
65) Chlorobenzene	11.773	112	717121	54.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	270448	58.766	ug/l	99
67) Ethyl Benzene	11.846	91	1309715	54.989	ug/l	96
68) m/p-Xylenes	11.956	106	1021525	113.397	ug/l	87
69) o-Xylene	12.283	106	503392	56.836	ug/l	87
70) Styrene	12.296	104	849002	59.924	ug/l	93
71) Bromoform	12.460	173	192277	47.285	ug/l #	100
73) Isopropylbenzene	12.581	105	1322750	49.818	ug/l	98
74) N-amyl acetate	12.390	43	484034	50.250	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	373788	48.507	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	345425m	51.400	ug/l	
77) Bromobenzene	12.862	156	302689	51.508	ug/l	75
78) n-propylbenzene	12.924	91	1527062	50.851	ug/l	95
79) 2-Chlorotoluene	13.010	91	908572	50.079	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1115038	51.829	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	111975	53.720	ug/l	96
82) 4-Chlorotoluene	13.106	91	934540	52.055	ug/l	92
83) tert-Butylbenzene	13.326	119	935604	50.994	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1114836	52.886	ug/l	92
85) sec-Butylbenzene	13.503	105	1320087	51.989	ug/l	96
86) p-Isopropyltoluene	13.619	119	1114187	54.376	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	592941	54.389	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	575031	51.518	ug/l	96
89) n-Butylbenzene	13.946	91	924047	52.576	ug/l	98
90) Hexachloroethane	14.211	117	182135	53.520	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	548879	52.158	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	62348	46.585	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	233393	42.972	ug/l	99
94) Hexachlorobutadiene	15.373	225	112209	50.745	ug/l	99
95) Naphthalene	15.507	128	672043	42.210	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	221113	42.497	ug/l	99

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

