

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068009.D
 Acq On : 5 Aug 2021 11:19
 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
 8/6/2021 5:43:08 PM

Quant Time: Aug 05 15:53:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	437097	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	761935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	736731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	366972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	299178	48.349	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.700%		
35) Dibromofluoromethane	8.021	113	232294	52.313	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.620%		
50) Toluene-d8	10.443	98	956671	46.939	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.880%		
62) 4-Bromofluorobenzene	12.733	95	350140	47.010	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	193800	43.271	ug/l	99
3) Chloromethane	2.301	50	236217	42.458	ug/l	98
4) Vinyl Chloride	2.443	62	367355	42.320	ug/l	98
5) Bromomethane	2.840	94	321508	41.560	ug/l	98
6) Chloroethane	3.011	64	295140	43.851	ug/l	99
7) Trichlorofluoromethane	3.368	101	725772	46.141	ug/l	99
8) Diethyl Ether	3.821	74	127372	42.615	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.202	101	215490	47.524	ug/l	95
10) Methyl Iodide	4.417	142	255099	43.501	ug/l	92
11) Tert butyl alcohol	5.385	59	186108	224.478	ug/l	100
12) 1,1-Dichloroethene	4.173	96	194572	46.945	ug/l	88
13) Acrolein	4.039	56	164871	293.030	ug/l	99
14) Allyl chloride	4.838	41	334737	47.556	ug/l	96
15) Acrylonitrile	5.554	53	563977	242.705	ug/l	100
16) Acetone	4.285	43	673039	298.097	ug/l	93
17) Carbon Disulfide	4.521	76	547133	45.518	ug/l	98
18) Methyl Acetate	4.857	43	251167	46.261	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	759555	48.820	ug/l	98
20) Methylene Chloride	5.093	84	246940	47.351	ug/l	91
21) trans-1,2-Dichloroethene	5.591	96	233596	48.458	ug/l	89
22) Diisopropyl ether	6.498	45	783445	50.140	ug/l	97
23) Vinyl Acetate	6.434	43	3279383	223.156	ug/l	96
24) 1,1-Dichloroethane	6.385	63	433832	48.010	ug/l	98
25) 2-Butanone	7.337	43	893567	272.798	ug/l	94
26) 2,2-Dichloropropane	7.327	77	404041	51.123	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	278210	48.547	ug/l	87
28) Bromochloromethane	7.659	49	209117	48.520	ug/l	# 79
29) Tetrahydrofuran	7.686	42	512598	244.380	ug/l	92
30) Chloroform	7.817	83	490889	49.050	ug/l	99
31) Cyclohexane	8.094	56	407881	44.685	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	428005	49.512	ug/l	98
36) 1,1-Dichloropropene	8.222	75	358645	50.887	ug/l	95
37) Ethyl Acetate	7.415	43	324583	48.935	ug/l	99
38) Carbon Tetrachloride	8.206	117	375541	54.182	ug/l	99
39) Methylcyclohexane	9.461	83	413852	54.336	ug/l	91
40) Benzene	8.458	78	1086157	52.057	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	162143	51.315	ug/l	92
42) 1,2-Dichloroethane	8.531	62	386802	50.192	ug/l	96
43) Isopropyl Acetate	8.563	43	572815	51.825	ug/l	95
44) Trichloroethene	9.217	130	272330	51.602	ug/l	86
45) 1,2-Dichloropropane	9.491	63	268171	51.585	ug/l	99
46) Dibromomethane	9.579	93	195581	52.036	ug/l	92
47) Bromodichloromethane	9.762	83	389194	54.332	ug/l	99
48) Methyl methacrylate	9.561	41	247274	45.107	ug/l	88
49) 1,4-Dioxane	9.571	88	87045	990.082	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	1800586	224.869	ug/l	95
52) Toluene	10.507	92	734487	54.175	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	422772	46.643	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	441505	46.972	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	280576	53.379	ug/l	96
56) Ethyl methacrylate	10.762	69	419280	44.713	ug/l	91
57) 1,3-Dichloropropane	11.047	76	463389	54.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	381151	210.957	ug/l	93
59) 2-Hexanone	11.087	43	1378421	240.637	ug/l	92
60) Dibromochloromethane	11.240	129	303821	46.528	ug/l	99
61) 1,2-Dibromoethane	11.347	107	287617	53.281	ug/l	98
64) Tetrachloroethene	10.979	164	263702	49.976	ug/l	92
65) Chlorobenzene	11.773	112	780560	52.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	294550	48.797	ug/l	99
67) Ethyl Benzene	11.846	91	1460814	54.746	ug/l	97
68) m/p-Xylenes	11.956	106	1138335	97.744	ug/l	86
69) o-Xylene	12.283	106	551697	56.239	ug/l	86
70) Styrene	12.296	104	932190	48.279	ug/l	93
71) Bromoform	12.460	173	209634	44.959	ug/l #	100
73) Isopropylbenzene	12.581	105	1448353	48.375	ug/l	98
74) N-amyl acetate	12.390	43	494011	47.470	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	414549	45.820	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	320686m	43.513	ug/l	
77) Bromobenzene	12.862	156	329610	47.947	ug/l	73
78) n-propylbenzene	12.924	91	1683352	49.822	ug/l	96
79) 2-Chlorotoluene	13.010	91	982638	47.720	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1216909	50.145	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	117577	44.688	ug/l	95
82) 4-Chlorotoluene	13.106	91	1018228	49.251	ug/l	91
83) tert-Butylbenzene	13.326	119	1005323	49.821	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1214749	51.664	ug/l	92
85) sec-Butylbenzene	13.506	105	1445675	51.219	ug/l	96
86) p-Isopropyltoluene	13.619	119	1216776	54.185	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	653102	51.724	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	616657	49.454	ug/l	95
89) n-Butylbenzene	13.946	91	980252	50.907	ug/l	98
90) Hexachloroethane	14.214	117	202636	52.757	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	591825	49.776	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	66706	46.180	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	246077	46.373	ug/l	98
94) Hexachlorobutadiene	15.370	225	120153	48.632	ug/l	97
95) Naphthalene	15.509	128	623750	41.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	224958	44.875	ug/l	96

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

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