

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068080.D
 Acq On : 11 Aug 2021 19:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/12/2021 4:51:17 PM

Quant Time: Aug 12 07:13:43 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	8.088	168	383615	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	693132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	696482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	347979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	286232	52.706	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.420%	
35) Dibromofluoromethane	8.021	113	220502	54.587	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.180%	
50) Toluene-d8	10.446	98	910332	48.921	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	12.734	95	335598	49.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	177490	45.155	ug/l	99
3) Chloromethane	2.301	50	226517	46.391	ug/l	97
4) Vinyl Chloride	2.440	62	366585	48.119	ug/l	97
5) Bromomethane	2.824	94	311639	45.900	ug/l	99
6) Chloroethane	3.001	64	279687	47.348	ug/l	98
7) Trichlorofluoromethane	3.363	101	660649	47.857	ug/l	99
8) Diethyl Ether	3.819	74	241498	92.064	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.200	101	196622	49.408	ug/l	96
10) Methyl Iodide	4.412	142	244213	47.167	ug/l	# 89
11) Tert butyl alcohol	5.393	59	208863	287.047	ug/l	100
12) 1,1-Dichloroethene	4.170	96	184455	50.709	ug/l	86
13) Acrolein	4.036	56	138574	280.628	ug/l	100
14) Allyl chloride	4.833	41	311453	50.417	ug/l	96
15) Acrylonitrile	5.557	53	595776	292.134	ug/l	99
16) Acetone	4.291	43	469392	236.884	ug/l	94
17) Carbon Disulfide	4.519	76	487909	46.250	ug/l	99
18) Methyl Acetate	4.857	43	265688	55.779	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	738281	54.068	ug/l	99
20) Methylene Chloride	5.093	84	237239	51.860	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	215389	50.911	ug/l	90
22) Diisopropyl ether	6.501	45	749179	54.632	ug/l	98
23) Vinyl Acetate	6.434	43	3159337m	244.100	ug/l	
24) 1,1-Dichloroethane	6.385	63	414411	52.254	ug/l	99
25) 2-Butanone	7.338	43	809570	281.611	ug/l	92
26) 2,2-Dichloropropane	7.327	77	335179	48.323	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	264763	52.642	ug/l	85
28) Bromochloromethane	7.657	49	200224	52.934	ug/l	# 78
29) Tetrahydrofuran	7.689	42	537923	292.207	ug/l	91
30) Chloroform	7.820	83	470896	53.612	ug/l	100
31) Cyclohexane	8.094	56	369435	46.116	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	413040	54.442	ug/l	97
36) 1,1-Dichloropropene	8.220	75	329088	51.329	ug/l	94
37) Ethyl Acetate	7.418	43	335113	55.538	ug/l	98
38) Carbon Tetrachloride	8.207	117	354452	56.215	ug/l	99
39) Methylcyclohexane	9.462	83	362880	52.373	ug/l	91
40) Benzene	8.461	78	1016494	53.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	169817	59.079	ug/l	92
42) 1,2-Dichloroethane	8.531	62	374232	53.381	ug/l	96
43) Isopropyl Acetate	8.563	43	582838	57.966	ug/l	96
44) Trichloroethene	9.218	130	254642	53.040	ug/l	82
45) 1,2-Dichloropropane	9.491	63	259481	54.868	ug/l	99
46) Dibromomethane	9.577	93	194457	56.873	ug/l	95
47) Bromodichloromethane	9.762	83	379065	58.170	ug/l	100
48) Methyl methacrylate	9.564	41	254336	50.699	ug/l	90
49) 1,4-Dioxane	9.572	88	99117	1239.303	ug/l	88
51) 4-Methyl-2-Pentanone	10.336	43	1912012	260.385	ug/l	95
52) Toluene	10.508	92	703717	57.058	ug/l	98
53) t-1,3-Dichloropropene	10.720	75	401934	48.618	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	414604	48.413	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	276930	57.915	ug/l	96
56) Ethyl methacrylate	10.762	69	428395	49.838	ug/l	89
57) 1,3-Dichloropropane	11.047	76	454789	58.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	375785	226.669	ug/l	93
59) 2-Hexanone	11.087	43	1357820	259.470	ug/l	92
60) Dibromochloromethane	11.240	129	301892	50.517	ug/l	98
61) 1,2-Dibromoethane	11.347	107	292355	59.535	ug/l	99
64) Tetrachloroethene	10.980	164	223162	44.737	ug/l	89
65) Chlorobenzene	11.774	112	765895	54.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	290447	50.818	ug/l	100
67) Ethyl Benzene	11.849	91	1375848	54.541	ug/l	95
68) m/p-Xylenes	11.956	106	1087881	98.766	ug/l	86
69) o-Xylene	12.283	106	531776	57.341	ug/l	86
70) Styrene	12.297	104	899841	49.241	ug/l	93
71) Bromoform	12.460	173	222408	49.962	ug/l #	99
73) Isopropylbenzene	12.581	105	1384474	48.765	ug/l	97
74) N-amyl acetate	12.390	43	489994	49.654	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	433804	50.565	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	327094m	46.805	ug/l	
77) Bromobenzene	12.862	156	322366	49.453	ug/l	74
78) n-propylbenzene	12.924	91	1583842	49.435	ug/l	95
79) 2-Chlorotoluene	13.010	91	940213	48.152	ug/l	88
80) 1,3,5-Trimethylbenzene	13.064	105	1158651	50.350	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	119216	47.533	ug/l	94
82) 4-Chlorotoluene	13.106	91	953178	48.621	ug/l	91
83) tert-Butylbenzene	13.326	119	972187	50.809	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1157848	51.932	ug/l	93
85) sec-Butylbenzene	13.503	105	1371339	51.237	ug/l	96
86) p-Isopropyltoluene	13.619	119	1126523	52.904	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	606746	50.675	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	594630	50.291	ug/l	95
89) n-Butylbenzene	13.946	91	886356	48.543	ug/l	97
90) Hexachloroethane	14.214	117	203131	55.772	ug/l	99
91) 1,2-Dichlorobenzene	13.992	146	560593	49.722	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	72131	52.661	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	229754	45.698	ug/l	99
94) Hexachlorobutadiene	15.373	225	111855	47.745	ug/l	98
95) Naphthalene	15.509	128	648621	45.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	218439	45.896	ug/l	98

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

