

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068511.D
 Acq On : 17 Sep 2021 10:30
 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
 9/21/2021 2:07:41 PM

Quant Time: Sep 20 03:53:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	657712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	907400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	874554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	465515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285280	47.285	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.580%		
35) Dibromofluoromethane	8.021	113	277055	50.624	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.240%		
50) Toluene-d8	10.443	98	1034461	46.366	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.740%		
62) 4-Bromofluorobenzene	12.734	95	349075	47.414	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	249448	46.452	ug/l	99
3) Chloromethane	2.301	50	220797	47.186	ug/l	96
4) Vinyl Chloride	2.443	62	346122	42.501	ug/l	100
5) Bromomethane	2.842	94	320476	46.691	ug/l	99
6) Chloroethane	3.011	64	245961	41.022	ug/l	98
7) Trichlorofluoromethane	3.371	101	461881	45.221	ug/l	98
8) Diethyl Ether	3.827	74	149722	48.601	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	268559	47.580	ug/l	99
10) Methyl Iodide	4.427	142	416200	51.700	ug/l	99
11) Tert butyl alcohol	5.363	59	206401	246.863	ug/l #	84
12) 1,1-Dichloroethene	4.186	96	246143	47.634	ug/l	96
13) Acrolein	4.041	56	88349	197.206	ug/l	100
14) Allyl chloride	4.840	41	315096	48.006	ug/l	98
15) Acrylonitrile	5.554	53	554610	241.078	ug/l	99
16) Acetone	4.285	43	491774	296.100	ug/l	99
17) Carbon Disulfide	4.535	76	615588	44.366	ug/l	100
18) Methyl Acetate	4.854	43	258388	49.215	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	885641	51.150	ug/l	96
20) Methylene Chloride	5.098	84	286862	50.989	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	279935	47.452	ug/l	98
22) Diisopropyl ether	6.495	45	721732	50.783	ug/l	98
23) Vinyl Acetate	6.434	43	2749583	258.862	ug/l	99
24) 1,1-Dichloroethane	6.388	63	453182	47.060	ug/l	99
25) 2-Butanone	7.332	43	727694	248.212	ug/l	99
26) 2,2-Dichloropropane	7.327	77	439265	49.407	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	344983	49.789	ug/l	97
28) Bromochloromethane	7.657	49	168288	44.907	ug/l	97
29) Tetrahydrofuran	7.683	42	459938	240.313	ug/l	99
30) Chloroform	7.820	83	552448	48.491	ug/l	99
31) Cyclohexane	8.096	56	397898	43.521	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	525833	49.751	ug/l	99
36) 1,1-Dichloropropene	8.222	75	384528	50.829	ug/l	99
37) Ethyl Acetate	7.410	43	294586	51.192	ug/l	98
38) Carbon Tetrachloride	8.206	117	485975	53.622	ug/l	100
39) Methylcyclohexane	9.462	83	511645	53.458	ug/l	99
40) Benzene	8.461	78	1179112	52.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	146928	51.884	ug/l	98
42) 1,2-Dichloroethane	8.531	62	395258	50.944	ug/l	100
43) Isopropyl Acetate	8.560	43	523932	51.605	ug/l	99
44) Trichloroethene	9.217	130	376630	53.121	ug/l	100
45) 1,2-Dichloropropane	9.491	63	276696	51.757	ug/l	99
46) Dibromomethane	9.580	93	229546	53.341	ug/l	98
47) Bromodichloromethane	9.762	83	448319	54.903	ug/l	100
48) Methyl methacrylate	9.561	41	235951	55.653	ug/l	99
49) 1,4-Dioxane	9.569	88	103749	1066.755	ug/l	98
51) 4-Methyl-2-Pentanone	10.331	43	1561718	269.462	ug/l	100
52) Toluene	10.508	92	831849	55.988	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	461441	58.984	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	489328	57.081	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	331918	56.294	ug/l	96
56) Ethyl methacrylate	10.762	69	441985	60.355	ug/l	98
57) 1,3-Dichloropropane	11.047	76	499121	54.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	234240	307.840	ug/l	99
59) 2-Hexanone	11.087	43	1090386	280.924	ug/l	100
60) Dibromochloromethane	11.240	129	425617	52.587	ug/l	100
61) 1,2-Dibromoethane	11.347	107	359107	57.444	ug/l	99
64) Tetrachloroethene	10.980	164	408412	52.690	ug/l	99
65) Chlorobenzene	11.771	112	954598	53.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	395211	55.949	ug/l	99
67) Ethyl Benzene	11.846	91	1572170	53.466	ug/l	99
68) m/p-Xylenes	11.956	106	1323267	111.760	ug/l	100
69) o-Xylene	12.283	106	642479	55.691	ug/l	100
70) Styrene	12.296	104	1029331	50.562	ug/l	100
71) Bromoform	12.460	173	346227	51.859	ug/l #	99
73) Isopropylbenzene	12.581	105	1647767	49.760	ug/l	99
74) N-amyl acetate	12.388	43	380644	51.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	429455	46.262	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	329112m	51.443	ug/l	
77) Bromobenzene	12.862	156	485996	53.060	ug/l	97
78) n-propylbenzene	12.921	91	1764982	50.477	ug/l	99
79) 2-Chlorotoluene	13.010	91	1052119	48.808	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1400292	52.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	118338	56.338	ug/l	98
82) 4-Chlorotoluene	13.106	91	1035048	49.791	ug/l	100
83) tert-Butylbenzene	13.326	119	1287019	52.400	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	1368006	53.023	ug/l	100
85) sec-Butylbenzene	13.503	105	1705051	52.648	ug/l	99
86) p-Isopropyltoluene	13.619	119	1509575	55.223	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	852099	53.618	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	820805	52.402	ug/l	99
89) n-Butylbenzene	13.943	91	1072002	53.835	ug/l	99
90) Hexachloroethane	14.211	117	266967	55.638	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	810470	52.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	71353	48.424	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	425613	48.983	ug/l	99
94) Hexachlorobutadiene	15.373	225	277707	61.382	ug/l	99
95) Naphthalene	15.507	128	843617	46.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	387493	47.384	ug/l	99

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

