

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065708.D
 Acq On : 4 Feb 2021 11:02
 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
 2/5/2021 10:49:16 AM

Quant Time: Feb 05 02:13:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	136689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	238023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	215311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	97288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	80767	44.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.82%		
35) Dibromofluoromethane	7.547	113	69545	49.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.62%		
50) Toluene-d8	10.055	98	268102	48.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.72%		
62) 4-Bromofluorobenzene	12.370	95	101479	50.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.66%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	74117	48.41	ug/l	99
3) Chloromethane	2.036	50	109504	48.67	ug/l	99
4) Vinyl Chloride	2.168	62	108292	47.53	ug/l	100
5) Bromomethane	2.531	94	65902	49.97	ug/l	95
6) Chloroethane	2.676	64	63185	47.94	ug/l	96
7) Trichlorofluoromethane	2.991	101	116810	49.04	ug/l	99
8) Diethyl Ether	3.377	74	55582	48.95	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.714	101	73245	50.67	ug/l	95
10) Methyl Iodide	3.904	142	108713	51.31	ug/l	96
11) Tert butyl alcohol	4.759	59	73876	219.32	ug/l	99
12) 1,1-Dichloroethene	3.695	96	76474	45.96	ug/l	94
13) Acrolein	3.569	56	76347	261.38	ug/l	97
14) Allyl chloride	4.270	41	148246	48.06	ug/l	90
15) Acrylonitrile	4.933	53	216551	246.78	ug/l	98
16) Acetone	3.778	43	171604	245.13	ug/l	99
17) Carbon Disulfide	4.000	76	219794	41.95	ug/l	98
18) Methyl Acetate	4.280	43	97118	49.51	ug/l	98
19) Methyl tert-butyl Ether	4.994	73	266963	48.06	ug/l	96
20) Methylene Chloride	4.499	84	91343	47.12	ug/l	98
21) trans-1,2-Dichloroethene	4.981	96	81692	46.19	ug/l	89
22) Diisopropyl ether	5.904	45	307762	48.81	ug/l	95
23) Vinyl Acetate	5.843	43	1210941	240.42	ug/l	98
24) 1,1-Dichloroethane	5.794	63	166200	49.45	ug/l	98
25) 2-Butanone	6.788	43	270924	246.81	ug/l	95
26) 2,2-Dichloropropane	6.769	77	124587	46.32	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	98354	48.54	ug/l	93
28) Bromochloromethane	7.145	49	61276	43.39	ug/l	86
29) Tetrahydrofuran	7.167	42	182435	229.14	ug/l	96
30) Chloroform	7.325	83	151270	48.86	ug/l	100
31) Cyclohexane	7.608	56	146957	43.45	ug/l	96
32) 1,1,1-Trichloroethane	7.524	97	118933	47.19	ug/l	98
36) 1,1-Dichloropropene	7.746	75	118994	49.68	ug/l	97
37) Ethyl Acetate	6.881	43	115047	50.07	ug/l	98
38) Carbon Tetrachloride	7.727	117	98122	49.76	ug/l	99
39) Methylcyclohexane	9.042	83	138242	47.30	ug/l	96
40) Benzene	7.997	78	374243	51.16	ug/l	99

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41) Methacrylonitrile	7.119	41	58068	47.07	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	114193	51.78	ug/l	97
43) Isopropyl Acetate	8.126	43	194712	47.79	ug/l #	92
44) Trichloroethene	8.798	130	93122	52.47	ug/l	98
45) 1,2-Dichloropropane	9.081	63	103651	51.50	ug/l	99
46) Dibromomethane	9.171	93	58418	52.55	ug/l	94
47) Bromodichloromethane	9.367	83	119154	49.96	ug/l	99
48) Methyl methacrylate	9.164	41	94384	48.83	ug/l	91
49) 1,4-Dioxane	9.171	88	34151	1091.82	ug/l	92
51) 4-Methyl-2-Pentanone	9.949	43	560197	249.39	ug/l	99
52) Toluene	10.119	92	227053	52.40	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	142078	51.15	ug/l	100
54) cis-1,3-Dichloropropene	9.804	75	163372	52.80	ug/l	95
55) 1,1,2-Trichloroethane	10.527	97	88065	53.29	ug/l	97
56) Ethyl methacrylate	10.396	69	140309	51.34	ug/l	96
57) 1,3-Dichloropropane	10.675	76	157126	54.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	321387	254.62	ug/l	95
59) 2-Hexanone	10.720	43	398984	255.84	ug/l	98
60) Dibromochloromethane	10.868	129	88856	52.61	ug/l	99
61) 1,2-Dibromoethane	10.974	107	88510	53.74	ug/l	99
64) Tetrachloroethene	10.598	164	88738	49.18	ug/l	96
65) Chlorobenzene	11.402	112	235947	52.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	81637	51.27	ug/l	98
67) Ethyl Benzene	11.479	91	427103	50.48	ug/l	99
68) m/p-Xylenes	11.588	106	322263	105.20	ug/l	99
69) o-Xylene	11.916	106	156371	52.68	ug/l	100
70) Styrene	11.932	104	261393	53.50	ug/l	99
71) Bromoform	12.096	173	55150	50.10	ug/l #	98
73) Isopropylbenzene	12.219	105	402854	47.29	ug/l	100
74) N-amyl acetate	12.039	43	166476	46.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	119099	47.34	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	115880m	45.55	ug/l	
77) Bromobenzene	12.495	156	92808	50.32	ug/l	81
78) n-propylbenzene	12.559	91	472321	47.05	ug/l	98
79) 2-Chlorotoluene	12.643	91	278175	46.66	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	345230	47.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	44388	44.69	ug/l	92
82) 4-Chlorotoluene	12.743	91	290710	47.76	ug/l	97
83) tert-Butylbenzene	12.961	119	280524	46.38	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	349034	48.25	ug/l	100
85) sec-Butylbenzene	13.141	105	378114	46.31	ug/l	99
86) p-Isopropyltoluene	13.257	119	343491	47.64	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	169118	51.44	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	168878	50.61	ug/l	98
89) n-Butylbenzene	13.585	91	301782	46.60	ug/l	98
90) Hexachloroethane	13.842	117	57233	45.37	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	170706	52.33	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	23476	47.02	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	95805	48.57	ug/l	100
94) Hexachlorobutadiene	14.977	225	39247	48.67	ug/l	98
95) Naphthalene	15.100	128	292046	46.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	94701	48.72	ug/l	99

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

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