

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065668.D
 Acq On : 29 Jan 2021 10:24
 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
 2/3/2021 9:45:14 AM

Quant Time: Jan 30 00:59:36 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	158213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	280361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	248559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	110119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	95665	45.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.92%			
35) Dibromofluoromethane	7.547	113	83396	50.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.40%			
50) Toluene-d8	10.055	98	319575	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.86%			
62) 4-Bromofluorobenzene	12.370	95	118335	50.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	88492	49.93	ug/l	97
3) Chloromethane	2.036	50	126096	48.42	ug/l	98
4) Vinyl Chloride	2.168	62	126447	47.95	ug/l	99
5) Bromomethane	2.534	94	75774	49.64	ug/l	98
6) Chloroethane	2.676	64	73968	48.48	ug/l	99
7) Trichlorofluoromethane	2.991	101	136144	49.38	ug/l	99
8) Diethyl Ether	3.377	74	63557	48.36	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.714	101	85387	51.04	ug/l	94
10) Methyl Iodide	3.904	142	122072	49.77	ug/l	96
11) Tert butyl alcohol	4.759	59	85170	218.45	ug/l	100
12) 1,1-Dichloroethene	3.692	96	87375	45.37	ug/l	93
13) Acrolein	3.566	56	69450	209.29	ug/l	99
14) Allyl chloride	4.270	41	172799	48.39	ug/l	90
15) Acrylonitrile	4.933	53	244535	240.75	ug/l	99
16) Acetone	3.778	43	212135	261.80	ug/l	97
17) Carbon Disulfide	4.000	76	258827	42.68	ug/l	98
18) Methyl Acetate	4.280	43	108461	47.77	ug/l	98
19) Methyl tert-butyl Ether	4.994	73	305622	47.54	ug/l	97
20) Methylene Chloride	4.495	84	103988	46.34	ug/l	95
21) trans-1,2-Dichloroethene	4.981	96	94481	46.16	ug/l	87
22) Diisopropyl ether	5.904	45	357212	48.94	ug/l	94
23) Vinyl Acetate	5.843	43	1417367	243.12	ug/l	97
24) 1,1-Dichloroethane	5.791	63	192261	49.42	ug/l	97
25) 2-Butanone	6.788	43	320898	252.56	ug/l	95
26) 2,2-Dichloropropane	6.769	77	148362	47.65	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	113209	48.27	ug/l	93
28) Bromochloromethane	7.145	49	77009	47.11	ug/l	82
29) Tetrahydrofuran	7.167	42	211576	229.59	ug/l	95
30) Chloroform	7.325	83	173823	48.51	ug/l	100
31) Cyclohexane	7.608	56	175880	44.93	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	137569	47.16	ug/l	97
36) 1,1-Dichloropropene	7.746	75	139901	49.59	ug/l	97
37) Ethyl Acetate	6.884	43	134012	49.51	ug/l	100
38) Carbon Tetrachloride	7.727	117	112970	48.64	ug/l	99
39) Methylcyclohexane	9.042	83	164201	47.70	ug/l	96
40) Benzene	7.997	78	431388	50.07	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	67233	46.26	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	130854	50.38	ug/l	98
43) Isopropyl Acetate	8.126	43	226651	47.22	ug/l	92
44) Trichloroethene	8.798	130	104935	50.20	ug/l	97
45) 1,2-Dichloropropane	9.081	63	119287	50.32	ug/l	99
46) Dibromomethane	9.171	93	65388	49.93	ug/l	92
47) Bromodichloromethane	9.367	83	137603	48.98	ug/l	100
48) Methyl methacrylate	9.164	41	107840	47.37	ug/l	92
49) 1,4-Dioxane	9.171	88	37374	1014.43	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	649515	245.49	ug/l	100
52) Toluene	10.119	92	257997	50.55	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	162755	49.75	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	184140	50.53	ug/l	98
55) 1,1,2-Trichloroethane	10.527	97	100122	51.43	ug/l	98
56) Ethyl methacrylate	10.396	69	161195	50.08	ug/l	94
57) 1,3-Dichloropropane	10.672	76	175788	51.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	342316	230.25	ug/l	93
59) 2-Hexanone	10.720	43	461771	251.38	ug/l	99
60) Dibromochloromethane	10.868	129	100031	50.28	ug/l	100
61) 1,2-Dibromoethane	10.974	107	97886	50.45	ug/l	98
64) Tetrachloroethene	10.598	164	101715	48.83	ug/l	97
65) Chlorobenzene	11.402	112	266195	51.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	92695	50.43	ug/l	98
67) Ethyl Benzene	11.479	91	484303	49.58	ug/l	97
68) m/p-Xylenes	11.588	106	356303	100.75	ug/l	96
69) o-Xylene	11.916	106	174135	50.82	ug/l	99
70) Styrene	11.932	104	291244	51.64	ug/l	98
71) Bromoform	12.096	173	62428	49.13	ug/l #	99
73) Isopropylbenzene	12.219	105	449750	46.65	ug/l	99
74) N-amyl acetate	12.039	43	192284	47.15	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	132238	46.44	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	126476m	43.92	ug/l	
77) Bromobenzene	12.495	156	101289	48.52	ug/l	78
78) n-propylbenzene	12.559	91	528880	46.55	ug/l	97
79) 2-Chlorotoluene	12.643	91	313097	46.39	ug/l	96
80) 1,3,5-Trimethylbenzene	12.701	105	380782	46.38	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	49218	43.78	ug/l	94
82) 4-Chlorotoluene	12.743	91	325287	47.22	ug/l	96
83) tert-Butylbenzene	12.961	119	314970	46.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	380625	46.49	ug/l	98
85) sec-Butylbenzene	13.141	105	418427	45.28	ug/l	98
86) p-Isopropyltoluene	13.257	119	378844	46.42	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	182930	49.15	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	181900	48.16	ug/l	97
89) n-Butylbenzene	13.582	91	339176	46.27	ug/l	98
90) Hexachloroethane	13.842	117	63805	44.69	ug/l	93
91) 1,2-Dichlorobenzene	13.621	146	181857	49.26	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	25830	45.71	ug/l	91
93) 1,2,4-Trichlorobenzene	14.878	180	104109	46.76	ug/l	99
94) Hexachlorobutadiene	14.977	225	43422	47.58	ug/l	99
95) Naphthalene	15.096	128	319449	45.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	100031	45.65	ug/l	98

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

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