

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065855.D
 Acq On : 12 Feb 2021 22:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/15/2021 1:32:29 PM

Quant Time: Feb 13 03:37:02 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	7.624	168	142509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	248437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	226060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	101936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	80110	42.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.46%			
35) Dibromofluoromethane	7.547	113	74178	50.39	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.78%			
50) Toluene-d8	10.055	98	279566	48.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.62%			
62) 4-Bromofluorobenzene	12.370	95	106878	51.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.58%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	89750	56.22	ug/l	98
3) Chloromethane	2.039	50	121212	51.67	ug/l	99
4) Vinyl Chloride	2.168	62	126265	53.15	ug/l	99
5) Bromomethane	2.525	94	79560	57.86	ug/l	97
6) Chloroethane	2.672	64	71357	51.93	ug/l	100
7) Trichlorofluoromethane	2.988	101	134934	54.33	ug/l	100
8) Diethyl Ether	3.377	74	60880	51.42	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.711	101	82611	54.82	ug/l	98
10) Methyl Iodide	3.901	142	126525	57.28	ug/l	95
11) Tert butyl alcohol	4.766	59	76110	216.72	ug/l #	86
12) 1,1-Dichloroethene	3.692	96	86880	50.08	ug/l	98
13) Acrolein	3.566	56	33519	120.54	ug/l	98
14) Allyl chloride	4.270	41	141432	43.97	ug/l	91
15) Acrylonitrile	4.933	53	221239	241.82	ug/l	98
16) Acetone	3.778	43	151041	206.94	ug/l	95
17) Carbon Disulfide	4.000	76	247509	45.32	ug/l	98
18) Methyl Acetate	4.283	43	94153	46.04	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	277595	47.93	ug/l	99
20) Methylene Chloride	4.495	84	101911	50.42	ug/l	93
21) trans-1,2-Dichloroethene	4.981	96	92652	50.25	ug/l	94
22) Diisopropyl ether	5.907	45	286989	43.66	ug/l	97
23) Vinyl Acetate	5.846	43	1148215	218.65	ug/l	98
24) 1,1-Dichloroethane	5.794	63	169807	48.46	ug/l	99
25) 2-Butanone	6.791	43	262653	229.50	ug/l	98
26) 2,2-Dichloropropane	6.772	77	117460	41.88	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	108115	51.18	ug/l	100
28) Bromochloromethane	7.148	49	59206	40.21	ug/l	96
29) Tetrahydrofuran	7.174	42	181717	218.92	ug/l	98
30) Chloroform	7.325	83	158517	49.11	ug/l	100
31) Cyclohexane	7.608	56	156996	44.52	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	131470	50.04	ug/l	100
36) 1,1-Dichloropropene	7.749	75	128234	51.29	ug/l	100
37) Ethyl Acetate	6.888	43	114720	47.83	ug/l	95
38) Carbon Tetrachloride	7.730	117	108948	52.94	ug/l	99
39) Methylcyclohexane	9.042	83	150262	49.26	ug/l	100
40) Benzene	8.000	78	397536	52.07	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	55819	43.35	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	117646	51.11	ug/l	97
43) Isopropyl Acetate	8.129	43	186947	43.96	ug/l	94
44) Trichloroethene	8.798	130	102357	55.26	ug/l	99
45) 1,2-Dichloropropane	9.081	63	106641	50.76	ug/l	99
46) Dibromomethane	9.171	93	63109	54.39	ug/l	97
47) Bromodichloromethane	9.367	83	124317	49.94	ug/l	98
48) Methyl methacrylate	9.164	41	90811	45.01	ug/l	94
49) 1,4-Dioxane	9.171	88	35843	1097.88	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	557234	237.67	ug/l	96
52) Toluene	10.122	92	252378	55.81	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	143282	49.42	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	162358	50.28	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	96674	56.05	ug/l	99
56) Ethyl methacrylate	10.399	69	147548	51.73	ug/l #	91
57) 1,3-Dichloropropane	10.675	76	163222	53.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	294467	223.52	ug/l	99
59) 2-Hexanone	10.720	43	400128	245.82	ug/l	95
60) Dibromochloromethane	10.871	129	96703	54.85	ug/l	100
61) 1,2-Dibromoethane	10.974	107	96763	56.28	ug/l	100
64) Tetrachloroethene	10.598	164	96641	51.01	ug/l	98
65) Chlorobenzene	11.402	112	266526	56.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	89425	53.49	ug/l	98
67) Ethyl Benzene	11.479	91	469827	52.89	ug/l	100
68) m/p-Xylenes	11.588	106	362335	112.66	ug/l	99
69) o-Xylene	11.916	106	176217	56.54	ug/l	98
70) Styrene	11.932	104	295054	57.52	ug/l	98
71) Bromoform	12.096	173	61657	53.35	ug/l #	100
73) Isopropylbenzene	12.219	105	454399	50.91	ug/l	100
74) N-amyl acetate	12.039	43	163428	43.29	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	131675	49.95	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	123254m	46.24	ug/l	
77) Bromobenzene	12.495	156	108338	56.06	ug/l	90
78) n-propylbenzene	12.559	91	512117	48.69	ug/l	99
79) 2-Chlorotoluene	12.643	91	304746	48.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	379923	50.00	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	43393	41.70	ug/l	91
82) 4-Chlorotoluene	12.743	91	315776	49.51	ug/l	98
83) tert-Butylbenzene	12.965	119	317084	50.04	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	382075	50.41	ug/l	98
85) sec-Butylbenzene	13.141	105	414491	48.45	ug/l	98
86) p-Isopropyltoluene	13.257	119	372630	49.33	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	187801	54.51	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	187586	53.66	ug/l	99
89) n-Butylbenzene	13.585	91	311969	45.97	ug/l	99
90) Hexachloroethane	13.842	117	61076	46.21	ug/l	97
91) 1,2-Dichlorobenzene	13.621	146	184218	53.90	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	23498	44.92	ug/l	98
93) 1,2,4-Trichlorobenzene	14.878	180	94392	45.87	ug/l	99
94) Hexachlorobutadiene	14.977	225	40999	48.53	ug/l	98
95) Naphthalene	15.096	128	313456	47.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	95262	46.89	ug/l	99

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

