

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065459.D
 Acq On : 11 Jan 2021 10:33
 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
 1/12/2021 9:18:00 AM

Quant Time: Jan 12 00:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	267746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	382712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	355660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	184587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	133394	44.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.26%		
35) Dibromofluoromethane	7.550	113	120735	52.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.58%		
50) Toluene-d8	10.058	98	452991	52.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.70%		
62) 4-Bromofluorobenzene	12.373	95	168048	49.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.38%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	103644	41.84	ug/l	100
3) Chloromethane	2.052	50	124403	44.12	ug/l	99
4) Vinyl Chloride	2.180	62	137898	47.01	ug/l	99
5) Bromomethane	2.531	94	96606	46.33	ug/l	99
6) Chloroethane	2.679	64	91276	48.14	ug/l	98
7) Trichlorofluoromethane	2.997	101	195340	44.51	ug/l	97
8) Diethyl Ether	3.386	74	82088	47.51	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.721	101	119554	48.57	ug/l	97
10) Methyl Iodide	3.914	142	179812	48.35	ug/l	93
11) Tert butyl alcohol	4.775	59	94764	191.60	ug/l	100
12) 1,1-Dichloroethene	3.701	96	117013	44.50	ug/l	98
13) Acrolein	3.576	56	152795	454.80	ug/l	98
14) Allyl chloride	4.277	41	185924	42.89	ug/l	99
15) Acrylonitrile	4.946	53	274710	229.85	ug/l	99
16) Acetone	3.791	43	278221	217.97	ug/l	93
17) Carbon Disulfide	4.010	76	273504	40.64	ug/l	100
18) Methyl Acetate	4.290	43	130913	48.24	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	386659	46.29	ug/l	100
20) Methylene Chloride	4.505	84	130640	44.30	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	119785	46.40	ug/l	100
22) Diisopropyl ether	5.913	45	395163	45.79	ug/l	99
23) Vinyl Acetate	5.852	43	1554899	213.80	ug/l	99
24) 1,1-Dichloroethane	5.801	63	227267	48.01	ug/l	99
25) 2-Butanone	6.798	43	364078	214.55	ug/l	97
26) 2,2-Dichloropropane	6.778	77	195359	43.20	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	147179	48.98	ug/l	97
28) Bromochloromethane	7.155	49	90718	42.23	ug/l	93
29) Tetrahydrofuran	7.177	42	235793	214.88	ug/l	99
30) Chloroform	7.331	83	232631	47.74	ug/l	99
31) Cyclohexane	7.614	56	185053	41.46	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	201357	45.61	ug/l	99
36) 1,1-Dichloropropene	7.753	75	169533	48.72	ug/l	98
37) Ethyl Acetate	6.894	43	148368	43.02	ug/l	100
38) Carbon Tetrachloride	7.737	117	173794	47.55	ug/l	99
39) Methylcyclohexane	9.045	83	199506	47.72	ug/l	99
40) Benzene	8.003	78	522826	50.50	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	72514	40.40	ug/l	93
42) 1,2-Dichloroethane	8.087	62	178981	46.78	ug/l	99
43) Isopropyl Acetate	8.132	43	257293	43.28	ug/l	99
44) Trichloroethene	8.801	130	158823	53.15	ug/l	93
45) 1,2-Dichloropropane	9.084	63	139015	51.66	ug/l	97
46) Dibromomethane	9.174	93	92857	50.80	ug/l	90
47) Bromodichloromethane	9.370	83	188016	48.79	ug/l	99
48) Methyl methacrylate	9.167	41	126403	43.80	ug/l	98
49) 1,4-Dioxane	9.171	88	44576	953.10	ug/l	99
51) 4-Methyl-2-Pentanone	9.955	43	753528	225.45	ug/l	98
52) Toluene	10.125	92	342824	52.54	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	211765	48.76	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	229486	49.73	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	135798	52.60	ug/l	96
56) Ethyl methacrylate	10.399	69	196517	49.15	ug/l	99
57) 1,3-Dichloropropane	10.679	76	224115	52.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	402577	231.47	ug/l	98
59) 2-Hexanone	10.724	43	545386	221.96	ug/l	98
60) Dibromochloromethane	10.875	129	162456	52.79	ug/l	98
61) 1,2-Dibromoethane	10.978	107	142644	51.47	ug/l	100
64) Tetrachloroethene	10.601	164	178553	51.70	ug/l	95
65) Chlorobenzene	11.405	112	388856	53.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	148896	52.86	ug/l	99
67) Ethyl Benzene	11.482	91	660290	50.62	ug/l	99
68) m/p-Xylenes	11.595	106	519159	105.64	ug/l	96
69) o-Xylene	11.920	106	249136	52.22	ug/l	99
70) Styrene	11.936	104	426549	53.59	ug/l	98
71) Bromoform	12.100	173	125186	51.62	ug/l #	99
73) Isopropylbenzene	12.222	105	660159	46.96	ug/l	98
74) N-amyl acetate	12.042	43	229863	41.06	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.479	83	177659	46.87	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	175658m	46.65	ug/l	
77) Bromobenzene	12.498	156	185589	50.52	ug/l	88
78) n-propylbenzene	12.566	91	739480	46.59	ug/l	96
79) 2-Chlorotoluene	12.646	91	437343	46.79	ug/l	94
80) 1,3,5-Trimethylbenzene	12.707	105	565725	47.19	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	64874	43.44	ug/l	94
82) 4-Chlorotoluene	12.746	91	457381	47.52	ug/l	96
83) tert-Butylbenzene	12.968	119	491944	48.17	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	568588	48.71	ug/l	98
85) sec-Butylbenzene	13.145	105	634002	46.79	ug/l	97
86) p-Isopropyltoluene	13.264	119	601782	48.44	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	318253	51.80	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	312420	50.65	ug/l	97
89) n-Butylbenzene	13.588	91	485402	45.71	ug/l	97
90) Hexachloroethane	13.846	117	101711	47.62	ug/l	79
91) 1,2-Dichlorobenzene	13.627	146	310921	52.69	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	34985	44.80	ug/l	86
93) 1,2,4-Trichlorobenzene	14.881	180	180649	49.46	ug/l	99
94) Hexachlorobutadiene	14.981	225	109413	46.97	ug/l	99
95) Naphthalene	15.103	128	427740	45.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	169848	50.11	ug/l	98

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

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