Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065365.D
Acq On : 31 Dec 2020 23:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 01 01:56:49 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

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.630	168	287789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	448669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	415041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	209006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	161869	49.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.64%			
35) Dibromofluoromethane	7.553	113	138673	51.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.46%			
50) Toluene-d8	10.061	98	517489	51.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.02%			
62) 4-Bromofluorobenzene	12.376	95	189273	47.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	124659	46.81	ug/l	97
3) Chloromethane	2.055	50	155287	51.24	ug/l	99
4) Vinyl Chloride	2.181	62	164971	52.32	ug/l	99
5) Bromomethane	2.531	94	110395	49.26	ug/l	100
6) Chloroethane	2.679	64	108166	53.08	ug/l	100
7) Trichlorofluoromethane	2.997	101	223059	47.28	ug/l	98
8) Diethyl Ether	3.386	74	92548	49.83	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.721	101	127482	48.18	ug/l	98
10) Methyl Iodide	3.914	142	199917	50.01	ug/l	94
11) Tert butyl alcohol	4.782	59	132094	248.48	ug/l	100
12) 1,1-Dichloroethene	3.701	96	135632	47.98	ug/l	98
13) Acrolein	3.579	56	93820	260.85	ug/l	98
14) Allyl chloride	4.280	41	212534	45.61	ug/l	98
15) Acrylonitrile	4.949	53	354313	275.81	ug/l	100
16) Acetone	3.791	43	293501	213.72	ug/l	96
17) Carbon Disulfide	4.010	76	328021	45.35	ug/l	100
18) Methyl Acetate	4.296	43	159718	54.75	ug/l	98
19) Methyl tert-butyl Ether	5.013	73	441506	49.18	ug/l	99
20) Methylene Chloride	4.508	84	151227	47.71	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	140480	50.62	ug/l	99
22) Diisopropyl ether	5.920	45	466026	50.24	ug/l	98
23) Vinyl Acetate	5.856	43	1960328	250.77	ug/l	100
24) 1,1-Dichloroethane	5.804	63	264321	51.95	ug/l	100
25) 2-Butanone	6.804	43	465692	255.32	ug/l	99
26) 2,2-Dichloropropane	6.782	77	176141	36.24	ug/l	98
27) cis-1,2-Dichloroethene	6.788	96	170651	52.84	ug/l	95
28) Bromochloromethane	7.155	49	107019	46.29	ug/l	96
29) Tetrahydrofuran	7.180	42	309043	262.02	ug/l	99
30) Chloroform	7.335	83	273040	52.13	ug/l	99
31) Cyclohexane	7.614	56	221453	46.16	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	234552	49.43	ug/l	99
36) 1,1-Dichloropropene	7.756	75	196866	48.26	ug/l	98
37) Ethyl Acetate	6.897	43	197693	48.89	ug/l	98
38) Carbon Tetrachloride	7.737	117	201578	47.05	ug/l	99
39) Methylcyclohexane	9.048	83	228950	46.71	ug/l	99
40) Benzene	8.007	78	617432	50.88	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.135	41	102611	48.77	ug/l	#	85
42) 1,2-Dichloroethane	8.090	62	211821	47.23	ug/l		99
43) Isopropyl Acetate	8.135	43	333725	47.88	ug/l		99
44) Trichloroethene	8.804	130	176122	50.28	ug/l		97
45) 1,2-Dichloropropane	9.087	63	164354	52.10	ug/l		100
46) Dibromomethane	9.177	93	108870	50.81	ug/l		92
47) Bromodichloromethane	9.373	83	221798	49.10	ug/l		99
48) Methyl methacrylate	9.171	41	165418	48.89	ug/l		99
49) 1,4-Dioxane	9.174	88	58900	1074.23	ug/l		99
51) 4-Methyl-2-Pentanone	9.955	43	1001968	255.71	ug/l		100
52) Toluene	10.126	92	395511	51.71	ug/l		100
53) t-1,3-Dichloropropene	10.354	75	236480	46.45	ug/l		100
54) cis-1,3-Dichloropropene	9.810	75	256169	47.35	ug/l		99
55) 1,1,2-Trichloroethane	10.534	97	158007	52.20	ug/l		97
56) Ethyl methacrylate	10.402	69	238108	50.79	ug/l		98
57) 1,3-Dichloropropane	10.679	76	265175	53.10	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.666	63	499108	244.78	ug/l		100
59) 2-Hexanone	10.724	43	732941	254.44	ug/l		99
60) Dibromochloromethane	10.875	129	180551	50.05	ug/l		98
61) 1,2-Dibromoethane	10.978	107	169650	52.22	ug/l		99
64) Tetrachloroethene	10.601	164	199206	49.42	ug/l		95
65) Chlorobenzene	11.405	112	430504	50.95	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.482	131	166013	50.50	ug/l		100
67) Ethyl Benzene	11.482	91	759338	49.88	ug/l		100
68) m/p-Xylenes	11.595	106	582099	101.50	ug/l		99
69) o-Xylene	11.920	106	283027	50.84	ug/l		100
70) Styrene	11.936	104	482939	51.99	ug/l		99
71) Bromoform	12.100	173	140531	49.66	ug/l	#	100
73) Isopropylbenzene	12.222	105	749075	47.06	ug/l		99
74) N-amyl acetate	12.045	43	294035	46.39	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.479	83	218709	50.95	ug/l		98
76) 1,2,3-Trichloropropane	12.527	75	199055m	46.68	ug/l		
77) Bromobenzene	12.498	156	205657	49.44	ug/l		91
78) n-propylbenzene	12.566	91	837426	46.60	ug/l		98
79) 2-Chlorotoluene	12.646	91	503661	47.59	ug/l		98
80) 1,3,5-Trimethylbenzene	12.707	105	637118	46.94	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.273	75	71007	41.99	ug/l		90
82) 4-Chlorotoluene	12.746	91	513517	47.12	ug/l		97
83) tert-Butylbenzene	12.968	119	553143	47.83	ug/l		99
84) 1,2,4-Trimethylbenzene	13.013	105	640360	48.45	ug/l		100
85) sec-Butylbenzene	13.145	105	721932	47.05	ug/l		99
86) p-Isopropyltoluene	13.264	119	657373	46.73	ug/l		99
87) 1,3-Dichlorobenzene	13.257	146	351034	50.46	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	347536	49.76	ug/l		98
89) n-Butylbenzene	13.588	91	539299	44.85	ug/l		99
90) Hexachloroethane	13.849	117	114811	47.48	ug/l		82
91) 1,2-Dichlorobenzene	13.627	146	349554	52.32	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	44678	50.53	ug/l		92
93) 1,2,4-Trichlorobenzene	14.881	180	194394	47.15	ug/l		99
94) Hexachlorobutadiene	14.981	225	115674	43.86	ug/l		99
95) Naphthalene	15.103	128	510940	47.37	ug/l		100
96) 1,2,3-Trichlorobenzene	15.283	180	185303	48.40	ug/l		98

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

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