Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066956.D
Acq On : 5 May 2021 00:20
Operator : JC/MD
Sample : VN0504WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02

Manual Integrations APPROVED
MMDadoda
5/5/2021 5:34:35 PM

Quant Time: May 05 05:31:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.590	168	426736	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.520	114	740205	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.350	117	707557	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	304545	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.954	65	354160	52.73	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.46%				
35) Dibromofluoromethane	7.512	113	254853	50.70	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.40%				
50) Toluene-d8	10.030	98	969354	50.64	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.28%				
62) 4-Bromofluorobenzene	12.347	95	335710	51.80	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.834	85	105215	18.25	ug/l		95
3) Chloromethane	2.033	50	164833	19.93	ug/l		100
4) Vinyl Chloride	2.161	62	152556	19.22	ug/l		100
5) Bromomethane	2.510	94	82867	19.62	ug/l		94
6) Chloroethane	2.655	64	91222	19.49	ug/l		99
7) Trichlorofluoromethane	2.969	101	176545	18.73	ug/l		99
8) Diethyl Ether	3.355	74	65488	19.34	ug/l		71
9) 1,1,2-Trichlorotrifluo...	3.687	101	87430	18.24	ug/l		93
10) Methyl Iodide	3.880	142	115189	18.23	ug/l	#	86
11) Tert butyl alcohol	4.706	59	110488	116.50	ug/l	#	94
12) 1,1-Dichloroethene	3.671	96	85584	18.34	ug/l		82
13) Acrolein	3.542	56	68284	86.54	ug/l		95
14) Allyl chloride	4.245	41	170183	18.19	ug/l		93
15) Acrylonitrile	4.894	53	298464	106.04	ug/l		99
16) Acetone	3.754	43	246369	104.27	ug/l		95
17) Carbon Disulfide	3.982	76	268584	18.58	ug/l		100
18) Methyl Acetate	4.251	43	144331	21.35	ug/l		96
19) Methyl tert-butyl Ether	4.959	73	319825	19.12	ug/l		95
20) Methylene Chloride	4.468	84	118860	19.83	ug/l		90
21) trans-1,2-Dichloroethene	4.953	96	95201	18.76	ug/l	#	82
22) Diisopropyl ether	5.865	45	366404	19.35	ug/l		90
23) Vinyl Acetate	5.809	43	1475884	97.36	ug/l		97
24) 1,1-Dichloroethane	5.760	63	211546	19.33	ug/l		97
25) 2-Butanone	6.750	43	363491	104.33	ug/l		93
26) 2,2-Dichloropropane	6.737	77	126151	13.73	ug/l		96
27) cis-1,2-Dichloroethene	6.742	96	109763	18.87	ug/l		88
28) Bromochloromethane	7.112	49	99611	19.68	ug/l	#	81
29) Tetrahydrofuran	7.131	42	245319	106.12	ug/l		95
30) Chloroform	7.292	83	201195	19.26	ug/l		94
31) Cyclohexane	7.579	56	164802	17.44	ug/l		92
32) 1,1,1-Trichloroethane	7.488	97	176966	19.64	ug/l		97
36) 1,1-Dichloropropene	7.716	75	137469	17.83	ug/l		96
37) Ethyl Acetate	6.841	43	161685	20.58	ug/l		98
38) Carbon Tetrachloride	7.697	117	150447	18.72	ug/l		95
39) Methylcyclohexane	9.016	83	139072	16.18	ug/l		89
40) Benzene	7.965	78	450872	18.63	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.093	41	67459	19.98	ug/l	#	100
42) 1,2-Dichloroethane	8.054	62	171011	19.81	ug/l		96
43) Isopropyl Acetate	8.096	43	249692	19.57	ug/l	#	88
44) Trichloroethene	8.770	130	95812	17.97	ug/l		95
45) 1,2-Dichloropropane	9.054	63	130767	19.34	ug/l		98
46) Dibromomethane	9.142	93	76246	19.12	ug/l		92
47) Bromodichloromethane	9.338	83	164563	19.09	ug/l		97
48) Methyl methacrylate	9.140	41	108190	19.14	ug/l		96
49) 1,4-Dioxane	9.140	88	38899	434.16	ug/l		88
51) 4-Methyl-2-Pentanone	9.923	43	771763	104.66	ug/l		97
52) Toluene	10.095	92	267775	18.83	ug/l		98
53) t-1,3-Dichloropropene	10.325	75	163162	17.75	ug/l		97
54) cis-1,3-Dichloropropene	9.778	75	175849	17.33	ug/l		99
55) 1,1,2-Trichloroethane	10.502	97	111257	19.72	ug/l		99
56) Ethyl methacrylate	10.373	69	141586	19.47	ug/l		96
57) 1,3-Dichloropropane	10.647	76	191728	19.17	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.633	63	158680	117.41	ug/l		91
59) 2-Hexanone	10.695	43	485699	108.29	ug/l		98
60) Dibromochloromethane	10.843	129	122225	19.34	ug/l		99
61) 1,2-Dibromoethane	10.947	107	107224	19.50	ug/l		99
64) Tetrachloroethene	10.572	164	81872	16.93	ug/l		92
65) Chlorobenzene	11.377	112	277589	18.33	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.452	131	109966	18.72	ug/l		99
67) Ethyl Benzene	11.457	91	481669	18.06	ug/l		96
68) m/p-Xylenes	11.567	106	357597	36.03	ug/l		91
69) o-Xylene	11.894	106	173478	18.06	ug/l		93
70) Styrene	11.913	104	272372	19.11	ug/l		94
71) Bromoform	12.077	173	82135	19.35	ug/l	#	100
73) Isopropylbenzene	12.195	105	458301	19.40	ug/l		99
74) N-amyl acetate	12.047	43	10718	2.51	ug/l	#	61
75) 1,1,2,2-Tetrachloroethane	12.449	83	184023	22.22	ug/l		98
76) 1,2,3-Trichloropropane	12.500	75	163462m	22.53	ug/l		
77) Bromobenzene	12.471	156	114261	20.50	ug/l		85
78) n-propylbenzene	12.538	91	526923	19.65	ug/l		96
79) 2-Chlorotoluene	12.621	91	345894	19.69	ug/l		94
80) 1,3,5-Trimethylbenzene	12.680	105	404849	19.64	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.254	75	33173	18.28	ug/l		93
82) 4-Chlorotoluene	12.720	91	326168	19.29	ug/l		94
83) tert-Butylbenzene	12.937	119	335897	19.42	ug/l		96
84) 1,2,4-Trimethylbenzene	12.986	105	381388	19.38	ug/l		100
85) sec-Butylbenzene	13.117	105	431365	19.21	ug/l		98
86) p-Isopropyltoluene	13.235	119	361267	18.72	ug/l		97
87) 1,3-Dichlorobenzene	13.230	146	184450	19.08	ug/l		96
88) 1,4-Dichlorobenzene	13.310	146	176243	18.13	ug/l		93
89) n-Butylbenzene	13.565	91	255791	18.47	ug/l		97
90) Hexachloroethane	13.814	117	84989	19.56	ug/l		99
91) 1,2-Dichlorobenzene	13.603	146	192151	19.87	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.227	75	30504	20.79	ug/l		81
93) 1,2,4-Trichlorobenzene	14.858	180	95115	18.59	ug/l		100
94) Hexachlorobutadiene	14.949	225	59661	19.05	ug/l		99
95) Naphthalene	15.075	128	282267	21.10	ug/l		99
96) 1,2,3-Trichlorobenzene	15.255	180	101517	20.47	ug/l		99

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

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