Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
Data File : VN067003.D
Acq On : 6 May 2021 12:32
Operator : JC/MD
Sample : VN0506WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Manual Integrations APPROVED
MMDadoda
5/7/2021 6:25:13 PM

Quant Time: May 07 04:05:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.589	168	438655	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.520	114	731487	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.350	117	670211	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	282917	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.954	65	346777	50.22	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.44%				
35) Dibromofluoromethane	7.514	113	244691	49.26	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.52%				
50) Toluene-d8	10.030	98	934175	49.38	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.76%				
62) 4-Bromofluorobenzene	12.347	95	315618	49.28	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.837	85	101944	17.21	ug/l		97
3) Chloromethane	2.035	50	147655	17.37	ug/l		97
4) Vinyl Chloride	2.164	62	143823	17.62	ug/l		96
5) Bromomethane	2.515	94	81794	18.84	ug/l		96
6) Chloroethane	2.660	64	87843	18.26	ug/l		98
7) Trichlorofluoromethane	2.974	101	180372	18.62	ug/l		99
8) Diethyl Ether	3.357	74	62804	18.05	ug/l		86
9) 1,1,2-Trichlorotrifluo...	3.695	101	88796	18.02	ug/l		93
10) Methyl Iodide	3.888	142	114212	17.59	ug/l		90
11) Tert butyl alcohol	4.709	59	89937	92.26	ug/l	#	73
12) 1,1-Dichloroethene	3.676	96	82468	17.19	ug/l		87
13) Acrolein	3.550	56	56415	69.56	ug/l		97
14) Allyl chloride	4.248	41	164842	17.14	ug/l		95
15) Acrylonitrile	4.899	53	278490	96.26	ug/l		97
16) Acetone	3.757	43	223609	92.06	ug/l		99
17) Carbon Disulfide	3.985	76	252548	16.99	ug/l		99
18) Methyl Acetate	4.253	43	141875	20.42	ug/l		95
19) Methyl tert-butyl Ether	4.961	73	325072	18.91	ug/l		97
20) Methylene Chloride	4.473	84	115301	18.71	ug/l		95
21) trans-1,2-Dichloroethene	4.956	96	93029	17.84	ug/l	#	81
22) Diisopropyl ether	5.868	45	358243	18.40	ug/l		96
23) Vinyl Acetate	5.809	43	1433943	92.03	ug/l		96
24) 1,1-Dichloroethane	5.758	63	203287	18.07	ug/l		96
25) 2-Butanone	6.753	43	335615	93.71	ug/l		94
26) 2,2-Dichloropropane	6.734	77	177354	18.78	ug/l		94
27) cis-1,2-Dichloroethene	6.739	96	109110	18.25	ug/l		86
28) Bromochloromethane	7.109	49	92952	17.87	ug/l	#	79
29) Tetrahydrofuran	7.131	42	225926	95.08	ug/l		97
30) Chloroform	7.292	83	197454	18.39	ug/l		97
31) Cyclohexane	7.579	56	169029	17.40	ug/l		90
32) 1,1,1-Trichloroethane	7.490	97	171138	18.47	ug/l		97
36) 1,1-Dichloropropene	7.716	75	136675	17.94	ug/l		95
37) Ethyl Acetate	6.847	43	148678	19.15	ug/l	#	91
38) Carbon Tetrachloride	7.699	117	146392	18.43	ug/l		98
39) Methylcyclohexane	9.016	83	151980	17.90	ug/l		93
40) Benzene	7.970	78	433279	18.11	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.088	41	56552	16.95	ug/l	#	100
42) 1,2-Dichloroethane	8.051	62	164761	19.31	ug/l		96
43) Isopropyl Acetate	8.096	43	235544	18.69	ug/l	#	89
44) Trichloroethene	8.770	130	94611	17.96	ug/l		94
45) 1,2-Dichloropropane	9.051	63	122969	18.40	ug/l		96
46) Dibromomethane	9.142	93	74060	18.79	ug/l		91
47) Bromodichloromethane	9.338	83	159219	18.69	ug/l		99
48) Methyl methacrylate	9.137	41	101741	18.21	ug/l		96
49) 1,4-Dioxane	9.140	88	31212	352.51	ug/l		88
51) 4-Methyl-2-Pentanone	9.923	43	698085	95.79	ug/l		98
52) Toluene	10.094	92	259752	18.48	ug/l		98
53) t-1,3-Dichloropropene	10.325	75	165833	18.25	ug/l		97
54) cis-1,3-Dichloropropene	9.778	75	186808	18.63	ug/l		98
55) 1,1,2-Trichloroethane	10.502	97	105762	18.97	ug/l		96
56) Ethyl methacrylate	10.373	69	140147	19.50	ug/l		99
57) 1,3-Dichloropropane	10.647	76	186001	18.82	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.633	63	112436	84.19	ug/l		91
59) 2-Hexanone	10.695	43	400646	95.08	ug/l		99
60) Dibromochloromethane	10.843	129	118950	19.05	ug/l		99
61) 1,2-Dibromoethane	10.945	107	101950	18.76	ug/l		100
64) Tetrachloroethene	10.572	164	81149	17.72	ug/l		93
65) Chlorobenzene	11.376	112	264790	18.46	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.451	131	106716	19.18	ug/l		98
67) Ethyl Benzene	11.454	91	462630	18.31	ug/l		98
68) m/p-Xylenes	11.564	106	346615	36.87	ug/l		94
69) o-Xylene	11.891	106	168961	18.57	ug/l		95
70) Styrene	11.913	104	258269	19.12	ug/l		95
71) Bromoform	12.074	173	73610	18.31	ug/l	#	96
73) Isopropylbenzene	12.194	105	444120	20.24	ug/l		99
74) N-amyl acetate	12.050	43	5339	1.35	ug/l	#	74
75) 1,1,2,2-Tetrachloroethane	12.449	83	160422	20.85	ug/l		99
76) 1,2,3-Trichloropropane	12.500	75	135935m	20.17	ug/l		
77) Bromobenzene	12.471	156	105777	20.43	ug/l		85
78) n-propylbenzene	12.538	91	502129	20.15	ug/l		97
79) 2-Chlorotoluene	12.618	91	326680	20.02	ug/l		94
80) 1,3,5-Trimethylbenzene	12.680	105	379824	19.84	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.256	75	32465	18.96	ug/l		90
82) 4-Chlorotoluene	12.720	91	305279	19.44	ug/l		92
83) tert-Butylbenzene	12.937	119	321662	20.02	ug/l		95
84) 1,2,4-Trimethylbenzene	12.986	105	360223	19.71	ug/l		100
85) sec-Butylbenzene	13.117	105	409998	19.65	ug/l		97
86) p-Isopropyltoluene	13.235	119	340883	19.01	ug/l		97
87) 1,3-Dichlorobenzene	13.230	146	172999	19.26	ug/l		96
88) 1,4-Dichlorobenzene	13.310	146	173494	19.21	ug/l		97
89) n-Butylbenzene	13.565	91	267410	20.13	ug/l		97
90) Hexachloroethane	13.817	117	77584	19.22	ug/l		98
91) 1,2-Dichlorobenzene	13.602	146	178944	19.92	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.227	75	24783	18.18	ug/l		77
93) 1,2,4-Trichlorobenzene	14.858	180	95966	20.19	ug/l		97
94) Hexachlorobutadiene	14.949	225	58325	20.05	ug/l		99
95) Naphthalene	15.075	128	265893	21.40	ug/l		98
96) 1,2,3-Trichlorobenzene	15.255	180	90410	19.63	ug/l		94

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

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