Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114661.D
Acq On : 30 May 2019 15:19
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-8PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Quant Time: May 31 11:30:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 11:26:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	424906	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1617045	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	811472	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1535777	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1136539	20.00	ng	0.00
87) Perylene-d12	15.20	264	1181084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2674204	110.50	ng	0.00
7) Phenol-d6	6.33	99	3209319	110.05	ng	0.00
23) Nitrobenzene-d5	7.26	82	1973610	76.15	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	924316	119.54	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3479597	71.24	ng	0.00
79) Terphenyl-d14	12.78	244	3636245	60.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	94763	8.159	ng	99
3) Pyridine	3.10	79	230040	6.806	ng	97
4) n-Nitrosodimethylamine	2.97	42	94622	6.918	ng	98
6) Aniline	6.36	93	340448	7.728	ng	96
8) 2-Chlorophenol	6.47	128	227392	8.136	ng	95
9) Benzaldehyde	6.23	77	187849	11.289	ng	98
10) Phenol	6.34	94	287455	8.159	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	217337	8.065	ng	96
12) 1,3-Dichlorobenzene	6.63	146	257869	8.098	ng	97
13) 1,4-Dichlorobenzene	6.71	146	261825	8.196	ng	99
14) 1,2-Dichlorobenzene	6.86	146	243849	8.385	ng	98
15) Benzyl Alcohol	6.83	79	209575	9.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	307034	7.429	ng	99
17) 2-Methylphenol	6.95	107	183329	7.755	ng	98
18) Hexachloroethane	7.21	117	90586	7.490	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	160784	7.987	ng	98
20) 3+4-Methylphenols	7.10	107	237859	8.555	ng	92
22) Acetophenone	7.10	105	322896	9.372	ng	97
24) Nitrobenzene	7.27	77	237311	8.619	ng	98
25) Isophorone	7.51	82	422078	8.114	ng	99
26) 2-Nitrophenol	7.59	139	101943	7.607	ng	98
27) 2,4-Dimethylphenol	7.63	122	196679	8.824	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	273827	8.270	ng	99
29) 2,4-Dichlorophenol	7.82	162	191610	8.446	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	219371	8.487	ng	98
31) Naphthalene	7.99	128	700704	9.407	ng	96
32) Benzoic acid	7.69	122	81554	5.633	ng	96
33) 4-Chloroaniline	8.04	127	290975	8.200	ng	96
34) Hexachlorobutadiene	8.12	225	118747	8.270	ng	99
35) Caprolactam	8.37	113	58918	7.695	ng	99
36) 4-Chloro-3-methylphenol	8.52	107	193080	8.486	ng	98
37) 2-Methylnaphthalene	8.68	142	474432	9.587	ng	98
38) 1-Methylnaphthalene	8.78	142	450609	9.610	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	206405	9.551	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	121212	8.488	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	136386	8.021	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	140192	8.262	ng		98
46) 1,1'-Biphenyl	9.15	154	574469	9.537	ng		96
47) 2-Chloronaphthalene	9.17	162	442549	8.956	ng		96
48) 2-Nitroaniline	9.25	65	108699	7.129	ng		95
49) Acenaphthylene	9.57	152	708946	9.287	ng		97
50) Dimethylphthalate	9.44	163	488395	8.637	ng		99
51) 2,6-Dinitrotoluene	9.50	165	104774	7.974	ng		99
52) Acenaphthene	9.75	154	418008	8.929	ng		99
53) 3-Nitroaniline	9.66	138	118220	7.352	ng		94
54) 2,4-Dinitrophenol	9.76	184	24257	4.681	ng	#	58
55) Dibenzofuran	9.92	168	614980	9.229	ng		95
56) 4-Nitrophenol	9.81	139	84081	7.056	ng		89
57) 2,4-Dinitrotoluene	9.89	165	130846	7.760	ng		96
58) Fluorene	10.26	166	464346	10.320	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	119190	8.582	ng		99
60) Diethylphthalate	10.15	149	487911	8.448	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	227786	10.118	ng		99
62) 4-Nitroaniline	10.26	138	110313	7.040	ng		94
63) Azobenzene	10.42	77	457781	8.634	ng		96
65) 4,6-Dinitro-2-methylphenol	10.30	198	40762	5.986	ng		97
66) n-Nitrosodiphenylamine	10.37	169	411903	9.078	ng		98
67) 4-Bromophenyl-phenylether	10.75	248	139419	8.465	ng		97
68) Hexachlorobenzene	10.81	284	149828	8.399	ng		95
69) Atrazine	10.90	200	123585	8.645	ng		98
70) Pentachlorophenol	11.00	266	74197	7.216	ng		99
71) Phenanthrene	11.22	178	703170	8.976	ng		95
72) Anthracene	11.26	178	718749	9.065	ng		96
73) Carbazole	11.42	167	626440	8.990	ng		96
74) Di-n-butylphthalate	11.76	149	752267	8.885	ng		97
75) Fluoranthene	12.39	202	711185	8.767	ng		97
77) Benzidine	12.52	184	352456	7.531	ng		99
78) Pyrene	12.62	202	728095	7.573	ng		97
80) Butylbenzylphthalate	13.25	149	298323	6.174	ng		99
81) Benzo(a)anthracene	13.80	228	651091	7.455	ng		97
82) 3,3'-Dichlorobenzidine	13.77	252	232221	6.885	ng	#	97
83) Chrysene	13.83	228	631134	7.563	ng		95
84) Bis(2-ethylhexyl)phthalate	13.82	149	421182	7.051	ng		97
85) Di-n-octyl phthalate	14.42	149	702714	6.771	ng		97
86) Indeno(1,2,3-cd)pyrene	16.50	276	546363	6.537	ng		99
88) Benzo(b)fluoranthene	14.80	252	575778	7.740	ng		98
89) Benzo(k)fluoranthene	14.83	252	609112	9.421	ng		96
90) Benzo(a)pyrene	15.13	252	556313	8.513	ng		99
91) Dibenzo(a,h)anthracene	16.52	278	464674	8.047	ng		99
92) Benzo(g,h,i)perylene	16.90	276	426531	7.610	ng		98

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

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