Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105329.D
Acq On : 12 May 2018 11:31
Operator : JU/SJ
Sample : J2133-08
Misc : LOQ 20 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2018

Quant Time: May 14 06:43:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157568	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	677640	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	307972	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	586461	20.00	ng		0.00
75) Chrysene-d12	14.00	240	509687	20.00	ng		-0.02
86) Perylene-d12	15.54	264	532356	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1261781	120.44	ng		0.00
7) Phenol-d6	6.43	99	1530773	122.97	ng		0.01
23) Nitrobenzene-d5	7.36	82	1024484	87.99	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	479753	120.57	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1713379	80.19	ng		0.00
78) Terphenyl-d14	12.91	244	1762383	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	87543	18.445	ng		88
3) Pyridine	3.26	79	218470	17.738	ng		87
4) n-Nitrosodimethylamine	3.18	42	92773	15.387	ng		87
6) Aniline	6.46	93	323322	20.030	ng	#	88
8) 2-Chlorophenol	6.57	128	217044	19.506	ng		93
9) Benzaldehyde	6.35	77	162370	19.185	ng		97
10) Phenol	6.44	94	268577	18.911	ng		79
11) bis(2-Chloroethyl)ether	6.53	93	222595	21.327	ng		95
12) 1,3-Dichlorobenzene	6.73	146	240156	19.605	ng		98
13) 1,4-Dichlorobenzene	6.81	146	255094	20.394	ng		98
14) 1,2-Dichlorobenzene	6.96	146	230470	19.993	ng		98
15) Benzyl Alcohol	6.93	79	188673	19.534	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	372604	20.320	ng		95
17) 2-Methylphenol	7.05	107	179926	19.154	ng		98
18) Hexachloroethane	7.30	117	88495	19.581	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	161147	20.480	ng		93
20) 3+4-Methylphenols	7.20	107	223192	19.957	ng	#	59
22) Acetophenone	7.20	105	312171	20.052	ng	#	87
24) Nitrobenzene	7.37	77	236537	19.295	ng		96
25) Isophorone	7.61	82	428872	19.462	ng		98
26) 2-Nitrophenol	7.69	139	118020	19.080	ng		95
27) 2,4-Dimethylphenol	7.73	122	189195	18.621	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	269975	19.974	ng		99
29) 2,4-Dichlorophenol	7.93	162	186219	19.559	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	196504	19.513	ng		97
31) Naphthalene	8.09	128	639684	19.386	ng		99
32) Benzoic acid	7.82	122	128999	17.091	ng		98
33) 4-Chloroaniline	8.15	127	264274	19.291	ng		99
34) Hexachlorobutadiene	8.21	225	102863	18.961	ng		100
35) Caprolactam	8.50	113	56907	19.340	ng	#	80
36) 4-Chloro-3-methylphenol	8.62	107	198268	19.346	ng		99
37) 2-Methylnaphthalene	8.79	142	442781	19.953	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	182346	19.626	ng		100
40) Hexachlorocyclopentadiene	8.93	237	114357	18.187	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	115666	18.308 ng		95
43) 2,4,5-Trichlorophenol	9.10	196	133498	19.554 ng		93
45) 1,1'-Biphenyl	9.25	154	546778	19.949 ng		100
46) 2-Chloronaphthalene	9.27	162	403128	19.637 ng		97
47) 2-Nitroaniline	9.37	65	133386	19.339 ng		87
48) Acenaphthylene	9.69	152	624003	19.832 ng		99
49) Dimethylphthalate	9.55	163	463319	19.597 ng		100
50) 2,6-Dinitrotoluene	9.61	165	99798	19.173 ng		91
51) Acenaphthene	9.86	154	422815	20.298 ng		96
52) 3-Nitroaniline	9.78	138	116812	19.476 ng		99
53) 2,4-Dinitrophenol	9.89	184	53020	17.332 ng	#	28
54) Dibenzofuran	10.03	168	557748	19.933 ng		99
55) 4-Nitrophenol	9.95	139	87741	17.886 ng		96
56) 2,4-Dinitrotoluene	10.01	165	131666	19.443 ng		93
57) Fluorene	10.37	166	429636	20.290 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	112543	19.952 ng		97
59) Diethylphthalate	10.24	149	459965	19.501 ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	196293	20.016 ng		95
61) 4-Nitroaniline	10.40	138	118666	19.789 ng		96
62) Azobenzene	10.53	77	455452	19.730 ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	66637	18.950 ng		87
65) n-Nitrosodiphenylamine	10.49	169	386361	19.647 ng		99
66) 4-Bromophenyl-phenylether	10.86	248	124105	19.023 ng		93
67) Hexachlorobenzene	10.92	284	142908	19.165 ng		95
68) Atrazine	11.02	200	118749	18.997 ng		98
69) Pentachlorophenol	11.12	266	81110	18.028 ng		95
70) Phenanthrene	11.34	178	650855	19.693 ng		98
71) Anthracene	11.39	178	690296	20.177 ng		99
72) Carbazole	11.54	167	607760	20.296 ng		99
73) Di-n-butylphthalate	11.87	149	734962	19.877 ng		99
74) Fluoranthene	12.52	202	679828	20.692 ng		99
76) Benzidine	12.65	184	375002	18.292 ng		97
77) Pyrene	12.76	202	687652	17.483 ng		100
79) Butylbenzylphthalate	13.39	149	313389	18.087 ng		97
80) Benzo(a)anthracene	13.99	228	575734	19.347 ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	224041	19.564 ng		99
82) Chrysene	14.03	228	573600	19.562 ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	419656	20.002 ng		99
84) Di-n-octyl phthalate	14.66	149	745445	21.632 ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	607421	22.752 ng		98
87) Benzo(b)fluoranthene	15.11	252	596827	18.808 ng		97
88) Benzo(k)fluoranthene	15.14	252	573209	18.680 ng		99
89) Benzo(a)pyrene	15.47	252	569865	19.287 ng		98
90) Dibenzo(a,h)anthracene	17.01	278	531828	19.195 ng		97
91) Benzo(g,h,i)perylene	17.42	276	501383	18.827 ng		96

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

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