Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105042.D
Acq On : 2 May 2018 20:16
Operator : JU/SJ
Sample : PB108660BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108660BS

Quant Time: May 03 04:25:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79496	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	315865	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	142843	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	237574	20.00	ng		0.00
75) Chrysene-d12	14.03	240	170880	20.00	ng		0.00
86) Perylene-d12	15.59	264	141006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	598431	115.10	ng		0.00
7) Phenol-d6	6.43	99	707748	110.79	ng		0.00
23) Nitrobenzene-d5	7.36	82	432078	89.32	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	168621	113.80	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	827520	91.52	ng		0.00
78) Terphenyl-d14	12.92	244	703105	93.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	75071	30.989	ng		88
3) Pyridine	3.28	79	213152	31.295	ng		84
4) n-Nitrosodimethylamine	3.25	42	82267	34.553	ng	#	79
6) Aniline	6.46	93	171285	19.300	ng		95
8) 2-Chlorophenol	6.58	128	226017	41.188	ng		90
9) Benzaldehyde	6.34	77	81521	21.557	ng		99
10) Phenol	6.45	94	264439	39.015	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	199209	36.831	ng		93
12) 1,3-Dichlorobenzene	6.73	146	235197	37.834	ng		100
13) 1,4-Dichlorobenzene	6.80	146	240390	38.792	ng		99
14) 1,2-Dichlorobenzene	6.96	146	223325	38.889	ng		99
15) Benzyl Alcohol	6.94	79	173565	35.773	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	225204	31.004	ng		60
17) 2-Methylphenol	7.05	107	178509	37.424	ng		95
18) Hexachloroethane	7.29	117	74397	33.672	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	140208	33.589	ng		93
20) 3+4-Methylphenols	7.21	107	229991	38.877	ng	#	86
22) Acetophenone	7.20	105	296527	38.132	ng	#	98
24) Nitrobenzene	7.38	77	216725	40.580	ng		91
25) Isophorone	7.62	82	391202	38.244	ng		97
26) 2-Nitrophenol	7.69	139	113454	52.182	ng		96
27) 2,4-Dimethylphenol	7.73	122	194256	43.030	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	253092	40.468	ng		99
29) 2,4-Dichlorophenol	7.94	162	184721	42.884	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	190509	40.300	ng		99
31) Naphthalene	8.10	128	632581	40.219	ng		100
32) Benzoic acid	7.86	122	81521	22.632	ng		96
33) 4-Chloroaniline	8.15	127	92873	13.783	ng		96
34) Hexachlorobutadiene	8.20	225	106014	40.943	ng		99
35) Caprolactam	8.53	113	57941	38.559	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	191407	41.442	ng		94
37) 2-Methylnaphthalene	8.79	142	419594	41.242	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	179007	43.778	ng		98
40) Hexachlorocyclopentadiene	8.93	237	15067	6.582	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	119784	42.200	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	126895	39.949	ng		93
45) 1,1'-Biphenyl	9.25	154	492265	41.023	ng		99
46) 2-Chloronaphthalene	9.28	162	384402	40.556	ng		99
47) 2-Nitroaniline	9.38	65	110785	47.263	ng		96
48) Acenaphthylene	9.70	152	562934	37.854	ng		99
49) Dimethylphthalate	9.55	163	460807	40.909	ng		100
50) 2,6-Dinitrotoluene	9.63	165	97862	46.951	ng	#	81
51) Acenaphthene	9.87	154	329371	36.301	ng		99
52) 3-Nitroaniline	9.79	138	62266	25.517	ng		99
53) 2,4-Dinitrophenol	9.92	184	16370	29.232	ng	#	21
54) Dibenzofuran	10.04	168	491536	38.873	ng		99
55) 4-Nitrophenol	9.97	139	120510	62.870	ng		99
56) 2,4-Dinitrotoluene	10.03	165	117074	42.821	ng		94
57) Fluorene	10.38	166	389533	42.323	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	91598	38.653	ng		95
59) Diethylphthalate	10.25	149	435300	38.802	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	188194	45.913	ng		99
61) 4-Nitroaniline	10.41	138	89607	37.557	ng		96
62) Azobenzene	10.53	77	379328	35.392	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	16019	19.073	ng		82
65) n-Nitrosodiphenylamine	10.49	169	351678	42.693	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	109577	43.362	ng		91
67) Hexachlorobenzene	10.93	284	116805	41.079	ng	#	86
68) Atrazine	11.02	200	113424	45.618	ng		98
69) Pentachlorophenol	11.13	266	90322	51.346	ng		97
70) Phenanthrene	11.35	178	523988	39.605	ng		98
71) Anthracene	11.40	178	539341	40.103	ng		98
72) Carbazole	11.56	167	485037	36.908	ng		100
73) Di-n-butylphthalate	11.88	149	652663	40.656	ng		99
74) Fluoranthene	12.54	202	503212	36.404	ng		98
76) Benzidine	12.67	184	320365	65.476	ng		97
77) Pyrene	12.77	202	498511	39.358	ng		99
79) Butylbenzylphthalate	13.40	149	245058	41.067	ng		96
80) Benzo(a)anthracene	14.02	228	443993	43.492	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	157200	41.300	ng		99
82) Chrysene	14.06	228	416080	39.681	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	344918	44.938	ng		100
84) Di-n-octyl phthalate	14.67	149	570808	44.508	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.08	276	320275	35.956	ng		96
87) Benzo(b)fluoranthene	15.16	252	382494	42.949	ng		98
88) Benzo(k)fluoranthene	15.19	252	361105	42.949	ng		97
89) Benzo(a)pyrene	15.53	252	340222	42.697	ng		99
90) Dibenzo(a,h)anthracene	17.09	278	269433	41.170	ng		96
91) Benzo(g,h,i)perylene	17.52	276	257259	40.574	ng		94

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

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