Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102542.D
Acq On : 28 Jan 2018 6:35
Operator : SJ/JU
Sample : PB106115BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 29 00:25:59 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Manual Integrations APPROVED
Sohil
1/29/2018 5:45:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	186930	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	762975	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	312361	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	448266	20.00	ng		0.00
75) Chrysene-d12	13.88	240	308791	20.00	ng		0.00
86) Perylene-d12	15.30	264	254577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1348995	109.42	ng		0.02
7) Phenol-d6	6.37	99	1600941	107.71	ng		0.00
23) Nitrobenzene-d5	7.29	82	1023384	77.08	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	258007	83.36	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1582014	74.47	ng		0.00
78) Terphenyl-d14	12.82	244	1097749	80.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	212295	36.243	ng		96
3) Pyridine	3.16	79	557946	36.449	ng		97
4) n-Nitrosodimethylamine	3.12	42	262582	43.755	ng		97
6) Aniline	6.38	93	356487	18.134	ng	#	1
8) 2-Chlorophenol	6.50	128	509909	39.456	ng		98
9) Benzaldehyde	6.26	77	251799	27.590	ng		97
10) Phenol	6.38	94	598207	36.867	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	490060	39.709	ng		97
12) 1,3-Dichlorobenzene	6.65	146	544562	35.431	ng		98
13) 1,4-Dichlorobenzene	6.73	146	550930	35.784	ng		98
14) 1,2-Dichlorobenzene	6.89	146	491275	34.885	ng		97
15) Benzyl Alcohol	6.86	79	372080	35.481	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	783874	37.871	ng		79
17) 2-Methylphenol	6.98	107	417140	37.166	ng	#	94
18) Hexachloroethane	7.22	117	162533	30.295	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	339785	37.357	ng		98
20) 3+4-Methylphenols	7.14	107	515537	39.055	ng		93
22) Acetophenone	7.13	105	691445	38.016	ng		96
24) Nitrobenzene	7.30	77	528672	38.910	ng		100
25) Isophorone	7.54	82	972848	41.102	ng		98
26) 2-Nitrophenol	7.62	139	252872	35.362	ng		92
27) 2,4-Dimethylphenol	7.66	122	451480	43.480	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	620434	42.434	ng		99
29) 2,4-Dichlorophenol	7.86	162	414351	39.174	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	396489	34.969	ng		98
31) Naphthalene	8.02	128	1393642	36.584	ng		100
32) Benzoic acid	7.80	122	227455	26.145	ng		99
33) 4-Chloroaniline	8.07	127	169153	10.559	ng		98
34) Hexachlorobutadiene	8.13	225	206109	34.036	ng		98
35) Caprolactam	8.46	113	140881m	40.330	ng		
36) 4-Chloro-3-methylphenol	8.57	107	435780	39.087	ng		96
37) 2-Methylnaphthalene	8.71	142	907080	35.755	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	348508	37.084	ng		99
40) Hexachlorocyclopentadiene	8.86	237	29278	6.962	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241040	38.315	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	258210	36.453	ng		97
45) 1,1'-Biphenyl	9.17	154	1032172	36.955	ng		100
46) 2-Chloronaphthalene	9.20	162	789450	36.364	ng		99
47) 2-Nitroaniline	9.30	65	283943	41.952	ng		95
48) Acenaphthylene	9.62	152	1176269	34.778	ng		99
49) Dimethylphthalate	9.47	163	970482	37.589	ng		100
50) 2,6-Dinitrotoluene	9.55	165	199810	35.895	ng		95
51) Acenaphthene	9.79	154	691574	35.011	ng		99
52) 3-Nitroaniline	9.72	138	153805	23.357	ng		97
53) 2,4-Dinitrophenol	9.83	184	24381	13.007	ng	#	20
54) Dibenzofuran	9.96	168	992659	37.132	ng		96
55) 4-Nitrophenol	9.90	139	272323	62.649	ng		96
56) 2,4-Dinitrotoluene	9.96	165	218700	31.949	ng	#	86
57) Fluorene	10.30	166	769029	36.303	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	178429	35.280	ng		98
59) Diethylphthalate	10.17	149	912944	36.388	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	344926	37.556	ng		97
61) 4-Nitroaniline	10.33	138	210387	32.018	ng		89
62) Azobenzene	10.45	77	857808	37.343	ng		99
64) 4,6-Dinitro-2-methylphenol	10.36	198	23646	7.907	ng		100
65) n-Nitrosodiphenylamine	10.42	169	710037	43.155	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	203794	42.232	ng		96
67) Hexachlorobenzene	10.85	284	193380	35.832	ng		95
68) Atrazine	10.95	200	212604	43.751	ng		98
69) Pentachlorophenol	11.05	266	150580	53.114	ng		99
70) Phenanthrene	11.26	178	974908	37.322	ng		99
71) Anthracene	11.32	178	1017097	38.148	ng		99
72) Carbazole	11.47	167	970166	37.298	ng		99
73) Di-n-butylphthalate	11.80	149	1330437	40.920	ng		99
74) Fluoranthene	12.45	202	897551	33.695	ng		97
76) Benzidine	12.58	184	690467	66.561	ng		98
77) Pyrene	12.68	202	883079	36.988	ng		100
79) Butylbenzylphthalate	13.29	149	479682	40.373	ng		99
80) Benzo(a)anthracene	13.87	228	759718	39.961	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	280159	40.172	ng		100
82) Chrysene	13.90	228	738511	38.253	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	669850	41.952	ng		100
84) Di-n-octyl phthalate	14.46	149	1083738	41.736	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	514719	32.283	ng		95
87) Benzo(b)fluoranthene	14.90	252	663385	40.204	ng		98
88) Benzo(k)fluoranthene	14.92	252	625984	40.155	ng		97
89) Benzo(a)pyrene	15.24	252	592823	39.836	ng	#	97
90) Dibenzo(a,h)anthracene	16.71	278	431022	35.755	ng		97
91) Benzo(g,h,i)perylene	17.12	276	428581	36.007	ng	#	92

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