Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102556.D
Acq On : 28 Jan 2018 14:44
Operator : SJ/JU
Sample : PB106105BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 29 03:32:50 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 : PB106105BS

Manual Integrations APPROVED

Sohil
1/29/2018 5:47:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152289	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	641412	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	305901	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	518758	20.00	ng		0.00
75) Chrysene-d12	13.88	240	430288	20.00	ng		0.00
86) Perylene-d12	15.30	264	344048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1184117	117.90	ng		0.01
7) Phenol-d6	6.37	99	1436839	118.66	ng		0.00
23) Nitrobenzene-d5	7.29	82	905019	81.08	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	304095	100.33	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1597260	76.77	ng		0.00
78) Terphenyl-d14	12.82	244	1546837	81.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	180897	37.907	ng		95
3) Pyridine	3.15	79	502043	40.257	ng		95
4) n-Nitrosodimethylamine	3.10	42	239165	48.918	ng	#	98
6) Aniline	6.38	93	237791	14.847	ng	#	1
8) 2-Chlorophenol	6.50	128	452147	42.945	ng		97
9) Benzaldehyde	6.26	77	213046	28.958	ng		92
10) Phenol	6.38	94	534502	40.433	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	440501	43.813	ng		99
12) 1,3-Dichlorobenzene	6.65	146	481115	38.423	ng		100
13) 1,4-Dichlorobenzene	6.73	146	490366	39.095	ng		100
14) 1,2-Dichlorobenzene	6.88	146	447856	39.035	ng		99
15) Benzyl Alcohol	6.86	79	341850	40.013	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	678915	40.261	ng		75
17) 2-Methylphenol	6.98	107	373806	40.881	ng	#	93
18) Hexachloroethane	7.22	117	173964	39.801	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	311017	41.972	ng		99
20) 3+4-Methylphenols	7.14	107	481699	44.792	ng		96
22) Acetophenone	7.13	105	626173	40.953	ng		97
24) Nitrobenzene	7.30	77	470639	41.204	ng		96
25) Isophorone	7.54	82	863800	43.411	ng		100
26) 2-Nitrophenol	7.62	139	259796	43.215	ng		97
27) 2,4-Dimethylphenol	7.66	122	415739	47.626	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	553652	45.043	ng		99
29) 2,4-Dichlorophenol	7.86	162	384929	43.290	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	362993	38.083	ng		99
31) Naphthalene	8.02	128	1284613	40.113	ng		99
32) Benzoic acid	7.82	122	295493	40.403	ng		99
33) 4-Chloroaniline	8.07	127	125757	9.338	ng		98
34) Hexachlorobutadiene	8.13	225	191184	37.555	ng		99
35) Caprolactam	8.46	113	141466m	48.173	ng		
36) 4-Chloro-3-methylphenol	8.57	107	423680	45.204	ng		97
37) 2-Methylnaphthalene	8.71	142	897455	42.080	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	343960	37.373	ng		98
40) Hexachlorocyclopentadiene	8.86	237	254978	61.907	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246703	40.043	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	256845	37.026	ng		97
45) 1,1'-Biphenyl	9.17	154	1032058	37.732	ng		99
46) 2-Chloronaphthalene	9.20	162	808460	38.026	ng		98
47) 2-Nitroaniline	9.30	65	277632	41.885	ng		97
48) Acenaphthylene	9.62	152	1221593	36.881	ng		100
49) Dimethylphthalate	9.48	163	973037	38.483	ng		99
50) 2,6-Dinitrotoluene	9.55	165	215965	39.617	ng		95
51) Acenaphthene	9.79	154	724528	37.454	ng		100
52) 3-Nitroaniline	9.72	138	118259	18.338	ng		97
53) 2,4-Dinitrophenol	9.83	184	191074	78.206	ng	#	21
54) Dibenzofuran	9.96	168	1039988	39.723	ng		97
55) 4-Nitrophenol	9.90	139	287164	67.458	ng		95
56) 2,4-Dinitrotoluene	9.96	165	258460	38.554	ng	#	87
57) Fluorene	10.30	166	849122	40.930	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	203413	41.070	ng		98
59) Diethylphthalate	10.17	149	972861	39.595	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	364330	40.506	ng		98
61) 4-Nitroaniline	10.34	138	252978	39.312	ng		87
62) Azobenzene	10.45	77	929556	41.321	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	135823	39.245	ng		84
65) n-Nitrosodiphenylamine	10.42	169	777805	40.850	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	232815	41.690	ng		94
67) Hexachlorobenzene	10.84	284	227881	36.487	ng		98
68) Atrazine	10.94	200	242351	43.096	ng		99
69) Pentachlorophenol	11.05	266	217640	66.336	ng		98
70) Phenanthrene	11.26	178	1153726	38.166	ng		99
71) Anthracene	11.32	178	1179525	38.229	ng		100
72) Carbazole	11.47	167	1184273	39.343	ng		99
73) Di-n-butylphthalate	11.80	149	1516515	40.305	ng		99
74) Fluoranthene	12.45	202	1257794	40.802	ng		99
76) Benzidine	12.57	184	393768	27.241	ng		98
77) Pyrene	12.68	202	1304003	39.197	ng		99
79) Butylbenzylphthalate	13.29	149	683502	41.284	ng		98
80) Benzo(a)anthracene	13.87	228	1085973	40.993	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	228470	23.510	ng		98
82) Chrysene	13.91	228	1051740	39.095	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	946674	42.548	ng	#	99
84) Di-n-octyl phthalate	14.46	149	1483589	41.002	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	735548	33.107	ng		96
87) Benzo(b)fluoranthene	14.90	252	912994	40.942	ng		98
88) Benzo(k)fluoranthene	14.93	252	840435	39.891	ng		99
89) Benzo(a)pyrene	15.24	252	817268	40.637	ng	#	97
90) Dibenzo(a,h)anthracene	16.72	278	598835	36.758	ng		98
91) Benzo(g,h,i)perylene	17.13	276	635524	39.508	ng		96

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