Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011816\
Data File : BF084539.D
Acq On : 18 Jan 2016 16:26
Operator : SJ/UM
Sample : PB87794BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87794BS

Quant Time: Jan 19 00:04:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	258925	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	1070382	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	493325	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	962949	20.00	ng		-0.03
75) Chrysene-d12	13.96	240	797914	20.00	ng		-0.03
86) Perylene-d12	15.37	264	701236	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1884724	117.74	ng		-0.02
7) Phenol-d6	6.44	99	2473153	123.01	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1624279	84.46	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	678327	136.20	ng		-0.03
44) 2-Fluorobiphenyl	9.16	172	2372837	84.58	ng		-0.03
78) Terphenyl-d14	12.91	244	2580142	72.18	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	261906	34.54	ng	#	78
3) Pyridine	3.15	79	692437	32.75	ng	#	75
4) n-Nitrosodimethylamine	3.10	42	387485	35.70	ng		83
6) Aniline	6.46	93	286914	9.76	ng	#	1
8) 2-Chlorophenol	6.58	128	723364	39.83	ng		83
9) Benzaldehyde	6.34	77	57500	4.39	ng		97
10) Phenol	6.46	94	819250	35.84	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	711114	40.16	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	741950	39.60	ng		97
13) 1,4-Dichlorobenzene	6.81	146	721736	38.42	ng		98
14) 1,2-Dichlorobenzene	6.97	146	730145	40.58	ng		99
15) Benzyl Alcohol	6.94	79	585967	34.65	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1143929	35.48	ng		86
17) 2-Methylphenol	7.07	107	626638	41.17	ng	#	93
18) Hexachloroethane	7.31	117	306699	40.82	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	500638	36.79	ng	#	76
20) 3+4-Methylphenols	7.22	107	713898	39.90	ng	#	75
22) Acetophenone	7.21	105	1016562	39.50	ng		98
24) Nitrobenzene	7.38	77	730923	37.47	ng		95
25) Isophorone	7.63	82	1460720	39.71	ng		95
26) 2-Nitrophenol	7.70	139	395896	44.59	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	687543	38.26	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	857974	38.19	ng		100
29) 2,4-Dichlorophenol	7.95	162	647278	43.24	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	641394	41.51	ng		96
31) Naphthalene	8.10	128	2036377	41.93	ng		100
32) Benzoic acid	7.88	122	496942	43.64	ng		96
33) 4-Chloroaniline	8.17	127	158513	7.12	ng		94
34) Hexachlorobutadiene	8.22	225	364433	41.03	ng		99
35) Caprolactam	8.53	113	220201m	43.64	ng		
36) 4-Chloro-3-methylphenol	8.66	107	739680	44.12	ng		94
37) 2-Methylnaphthalene	8.80	142	1358318	38.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	599488	42.27	ng		98
40) Hexachlorocyclopentadiene	8.96	237	669074	78.15	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	448478	42.27 ng		92
43) 2,4,5-Trichlorophenol	9.13	196	423241	41.61 ng	#	87
45) 1,1'-Biphenyl	9.26	154	1745756	44.53 ng		98
46) 2-Chloronaphthalene	9.29	162	1305766	42.40 ng		92
47) 2-Nitroaniline	9.39	65	488763	48.08 ng	#	75
48) Acenaphthylene	9.70	152	1855533	40.78 ng		97
49) Dimethylphthalate	9.57	163	1611020	45.68 ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	355878	46.01 ng	#	67
51) Acenaphthene	9.87	154	1446243	47.39 ng		98
52) 3-Nitroaniline	9.79	138	139643	14.57 ng		92
53) 2,4-Dinitrophenol	9.90	184	388676	116.27 ng	#	77
54) Dibenzofuran	10.04	168	1664943	41.92 ng		90
55) 4-Nitrophenol	9.97	139	626093	89.99 ng	#	80
56) 2,4-Dinitrotoluene	10.03	165	432700	44.20 ng	#	83
57) Fluorene	10.38	166	1248546	40.62 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	395700	45.56 ng		88
59) Diethylphthalate	10.27	149	1540679	44.31 ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	654443	51.97 ng		89
61) 4-Nitroaniline	10.42	138	379834	44.46 ng	#	82
62) Azobenzene	10.54	77	1666815	43.70 ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	297818	51.44 ng		93
65) n-Nitrosodiphenylamine	10.50	169	1163344	37.79 ng		99
66) 4-Bromophenyl-phenylether	10.86	248	410569	39.61 ng	#	70
67) Hexachlorobenzene	10.93	284	460989	39.52 ng	#	94
68) Atrazine	11.04	200	265975	26.40 ng		93
69) Pentachlorophenol	11.13	266	465839	77.01 ng		98
70) Phenanthrene	11.34	178	1989139	39.49 ng		95
71) Anthracene	11.40	178	2256136	45.69 ng		99
72) Carbazole	11.55	167	1864574	38.63 ng		98
73) Di-n-butylphthalate	11.89	149	2437690	48.44 ng	#	97
74) Fluoranthene	12.53	202	2322270	44.13 ng		96
76) Benzidine	12.66	184	199655	6.98 ng		96
77) Pyrene	12.76	202	2366566	37.80 ng		97
79) Butylbenzylphthalate	13.39	149	1099777	40.59 ng	#	80
80) Benzo(a)anthracene	13.95	228	1825540	38.96 ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	327571	20.03 ng	#	98
82) Chrysene	13.99	228	1708026	37.94 ng		97
83) Bis(2-ethylhexyl)phthalate	13.95	149	1327859	38.79 ng	#	95
84) Di-n-octyl phthalate	14.56	149	2235218	38.68 ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1542041	43.21 ng		99
87) Benzo(b)fluoranthene	14.97	252	1773574	38.66 ng	#	95
88) Benzo(k)fluoranthene	15.00	252	1775988m	47.34 ng		
89) Benzo(a)pyrene	15.31	252	1645191	42.28 ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	1257930	37.57 ng		99
91) Benzo(g,h,i)perylene	17.14	276	1258534	36.30 ng		99

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

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