Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091204.D
Acq On : 16 Nov 2016 22:39
Operator : UM/SJ
Sample : PB94754BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94754BS

Quant Time: Nov 17 01:01:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	194620	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	846154	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	434851	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	702641	20.00	ng		0.00
75) Chrysene-d12	13.78	240	588389	20.00	ng		0.00
86) Perylene-d12	15.15	264	426839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1439321	122.14	ng		0.02
7) Phenol-d6	6.28	99	1801301	112.62	ng		0.00
23) Nitrobenzene-d5	7.20	82	1183930	76.33	ng		0.00
41) 2,4,6-Tribromophenol	10.45	330	505197	128.51	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1986780	78.66	ng		0.00
78) Terphenyl-d14	12.73	244	1926941	81.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	216676	32.14	ng	#	95
3) Pyridine	2.81	79	583449	37.00	ng		96
4) n-Nitrosodimethylamine	2.77	42	246922	39.59	ng		93
6) Aniline	6.29	93	291371	15.44	ng	#	1
8) 2-Chlorophenol	6.41	128	605175	43.05	ng		91
9) Benzaldehyde	6.18	77	45514	5.13	ng		93
10) Phenol	6.29	94	616213	34.81	ng	#	71
11) bis(2-Chloroethyl)ether	6.36	93	589688	39.53	ng		98
12) 1,3-Dichlorobenzene	6.56	146	598713	42.11	ng		96
13) 1,4-Dichlorobenzene	6.64	146	630385	41.33	ng		97
14) 1,2-Dichlorobenzene	6.78	146	554942	39.64	ng		97
15) Benzyl Alcohol	6.78	79	486851	43.15	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	721699	33.79	ng	#	40
17) 2-Methylphenol	6.91	107	475239	42.71	ng	#	93
18) Hexachloroethane	7.13	117	237157	40.17	ng		92
19) n-Nitroso-di-n-propylamine	7.06	70	469213	42.33	ng	#	88
20) 3+4-Methylphenols	7.06	107	633578	47.42	ng		91
22) Acetophenone	7.05	105	832397	42.73	ng	#	94
24) Nitrobenzene	7.22	77	670350	39.13	ng		93
25) Isophorone	7.46	82	1231338	41.20	ng		99
26) 2-Nitrophenol	7.54	139	312889	43.16	ng	#	69
27) 2,4-Dimethylphenol	7.58	122	509586	42.50	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	771403	47.24	ng		100
29) 2,4-Dichlorophenol	7.78	162	459943	43.96	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	521045	44.29	ng		98
31) Naphthalene	7.93	128	1665083	41.15	ng		99
32) Benzoic acid	7.76	122	274144	31.28	ng		97
33) 4-Chloroaniline	8.00	127	173471	10.31	ng		96
34) Hexachlorobutadiene	8.05	225	286286	45.08	ng		98
35) Caprolactam	8.38	113	141895m	43.16	ng		
36) 4-Chloro-3-methylphenol	8.50	107	472667	37.31	ng		94
37) 2-Methylnaphthalene	8.62	142	990468	38.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	502664	45.34	ng		98
40) Hexachlorocyclopentadiene	8.78	237	400792	92.07	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	301593	42.14	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	338453	45.04	ng	#	94
45) 1,1'-Biphenyl	9.09	154	1267777	39.93	ng		97
46) 2-Chloronaphthalene	9.12	162	1014363	42.08	ng		97
47) 2-Nitroaniline	9.22	65	280455	31.35	ng		98
48) Acenaphthylene	9.53	152	1448495	38.56	ng		100
49) Dimethylphthalate	9.40	163	1149612	40.32	ng		100
50) 2,6-Dinitrotoluene	9.47	165	287934	47.12	ng	#	56
51) Acenaphthene	9.70	154	927553	39.33	ng		100
52) 3-Nitroaniline	9.63	138	107453	14.83	ng		97
53) 2,4-Dinitrophenol	9.74	184	160489	50.70	ng	#	75
54) Dibenzofuran	9.87	168	1285953	40.50	ng		96
55) 4-Nitrophenol	9.82	139	302339	63.89	ng	#	81
56) 2,4-Dinitrotoluene	9.87	165	303724	39.06	ng	#	82
57) Fluorene	10.21	166	1052792	40.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	275292	46.76	ng		92
59) Diethylphthalate	10.10	149	1134974	38.82	ng		98
60) 4-Chlorophenyl-phenylether	10.21	204	501674	42.47	ng		93
61) 4-Nitroaniline	10.25	138	249450	34.03	ng		98
62) Azobenzene	10.36	77	1177259	34.21	ng		89
64) 4,6-Dinitro-2-methylphenol	10.28	198	155022	36.03	ng		66
65) n-Nitrosodiphenylamine	10.33	169	919755	41.18	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	336424	46.03	ng	#	81
67) Hexachlorobenzene	10.76	284	403415	50.05	ng	#	83
68) Atrazine	10.86	200	271663	42.16	ng		97
69) Pentachlorophenol	10.96	266	295403	82.74	ng		98
70) Phenanthrene	11.17	178	1623550	43.47	ng		99
71) Anthracene	11.22	178	1505946	37.92	ng		100
72) Carbazole	11.38	167	1279839	35.76	ng		99
73) Di-n-butylphthalate	11.72	149	1842812	40.94	ng		100
74) Fluoranthene	12.35	202	1478443	38.16	ng		95
76) Benzidine	12.49	184	396452	30.16	ng		97
77) Pyrene	12.58	202	1584548	41.12	ng		100
79) Butylbenzylphthalate	13.21	149	709971	38.52	ng		91
80) Benzo(a)anthracene	13.77	228	1370734	41.03	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	259445	22.11	ng	#	97
82) Chrysene	13.80	228	1209335	36.71	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	983523	39.43	ng	#	93
84) Di-n-octyl phthalate	14.39	149	1751996	42.72	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1025925	37.54	ng		96
87) Benzo(b)fluoranthene	14.77	252	1177988m	40.69	ng		
88) Benzo(k)fluoranthene	14.80	252	1117073m	43.99	ng		
89) Benzo(a)pyrene	15.09	252	1056828	41.93	ng		97
90) Dibenzo(a,h)anthracene	16.43	278	877354	40.27	ng	#	94
91) Benzo(g,h,i)perylene	16.80	276	807564	40.99	ng	#	93

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

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