Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
Data File : BF090279.D
Acq On : 28 Sep 2016 14:40
Operator : UM/SJ
Sample : PB93644BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93644BS

Quant Time: Sep 29 11:29:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	127841	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	521373	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	283191	20.00	ng		0.00
63) Phenanthrene-d10	10.97	188	409145	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	251672	20.00	ng		-0.01
86) Perylene-d12	14.90	264	253752	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	1000480	127.56	ng		0.02
7) Phenol-d6	6.15	99	1316492	135.92	ng		0.01
23) Nitrobenzene-d5	7.05	82	765421	85.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	320240	131.81	ng		0.00
44) 2-Fluorobiphenyl	8.84	172	1240946	86.03	ng		-0.01
78) Terphenyl-d14	12.56	244	1122033	113.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	125879	29.58	ng		98
3) Pyridine	2.51	79	381346m	41.32	ng		
4) n-Nitrosodimethylamine	2.48	42	116208	42.19	ng		95
6) Aniline	6.14	93	332256	27.52	ng	#	79
8) 2-Chlorophenol	6.26	128	387396	42.93	ng		90
9) Benzaldehyde	6.01	77	40247	9.53	ng		99
10) Phenol	6.16	94	555622	48.52	ng	#	62
11) bis(2-Chloroethyl)ether	6.23	93	390210	43.70	ng		95
12) 1,3-Dichlorobenzene	6.41	146	394340	41.83	ng		97
13) 1,4-Dichlorobenzene	6.49	146	395430	41.08	ng		97
14) 1,2-Dichlorobenzene	6.65	146	380704	44.40	ng		96
15) Benzyl Alcohol	6.64	79	291144	50.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.78	45	429755	40.28	ng		89
17) 2-Methylphenol	6.76	107	317067	44.61	ng		97
18) Hexachloroethane	6.98	117	150500	43.84	ng		98
19) n-Nitroso-di-n-propylamine	6.91	70	271345	47.69	ng		96
20) 3+4-Methylphenols	6.92	107	411790	48.25	ng		96
22) Acetophenone	6.90	105	498671	39.66	ng	#	98
24) Nitrobenzene	7.07	77	428336	45.71	ng		92
25) Isophorone	7.31	82	791197	42.11	ng		97
26) 2-Nitrophenol	7.39	139	225370	48.84	ng	#	89
27) 2,4-Dimethylphenol	7.45	122	377451	46.04	ng		99
28) bis(2-Chloroethoxy)methane	7.54	93	526085	46.28	ng		99
29) 2,4-Dichlorophenol	7.63	162	310848	43.23	ng		86
30) 1,2,4-Trichlorobenzene	7.71	180	317862	44.25	ng		97
31) Naphthalene	7.79	128	1146630	46.19	ng		99
32) Benzoic acid	7.60	122	181203	32.20	ng		96
33) 4-Chloroaniline	7.85	127	195311	18.97	ng	#	92
34) Hexachlorobutadiene	7.91	225	164772	43.48	ng		97
35) Caprolactam	8.23	113	108814m	45.72	ng		
36) 4-Chloro-3-methylphenol	8.35	107	378782	46.60	ng		88
37) 2-Methylnaphthalene	8.48	142	754917	48.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	237491	36.54	ng		99
40) Hexachlorocyclopentadiene	8.63	237	201069	62.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	220449	47.59	ng		100
43) 2,4,5-Trichlorophenol	8.81	196	212834	44.37	ng	#	95
45) 1,1'-Biphenyl	8.94	154	741102	36.58	ng		99
46) 2-Chloronaphthalene	8.96	162	632010	42.28	ng		99
47) 2-Nitroaniline	9.06	65	188962	41.93	ng		84
48) Acenaphthylene	9.37	152	1070938	44.12	ng		100
49) Dimethylphthalate	9.26	163	782120	43.36	ng		99
50) 2,6-Dinitrotoluene	9.31	165	189934	47.25	ng	#	81
51) Acenaphthene	9.54	154	649443	45.07	ng		100
52) 3-Nitroaniline	9.47	138	135210	28.69	ng		99
53) 2,4-Dinitrophenol	9.59	184	122674	55.56	ng		93
54) Dibenzofuran	9.71	168	909520	47.97	ng		97
55) 4-Nitrophenol	9.67	139	233928	72.45	ng		87
56) 2,4-Dinitrotoluene	9.71	165	217583	45.77	ng		93
57) Fluorene	10.04	166	667502	46.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	172103	47.93	ng		97
59) Diethylphthalate	9.95	149	842311	48.35	ng		97
60) 4-Chlorophenyl-phenylether	10.06	204	289547	44.43	ng	#	74
61) 4-Nitroaniline	10.08	138	179212	37.31	ng		86
62) Azobenzene	10.20	77	788596	43.49	ng		99
64) 4,6-Dinitro-2-methylphenol	10.11	198	78158	30.50	ng	#	56
65) n-Nitrosodiphenylamine	10.17	169	596794	44.36	ng		100
66) 4-Bromophenyl-phenylether	10.54	248	203278	50.49	ng		99
67) Hexachlorobenzene	10.59	284	207346	44.19	ng		94
68) Atrazine	10.71	200	169145	45.88	ng		96
69) Pentachlorophenol	10.79	266	194833	73.15	ng		97
70) Phenanthrene	10.99	178	899370	47.00	ng		100
71) Anthracene	11.05	178	1037200	51.68	ng		100
72) Carbazole	11.21	167	985237	46.44	ng		99
73) Di-n-butylphthalate	11.55	149	1206015	48.88	ng		99
74) Fluoranthene	12.17	202	905567	44.09	ng		97
76) Benzidine	12.31	184	332599	39.48	ng		97
77) Pyrene	12.39	202	894906	51.96	ng		98
79) Butylbenzylphthalate	13.04	149	497973	59.11	ng		97
80) Benzo(a)anthracene	13.58	228	677126	50.01	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	225043	40.30	ng	#	97
82) Chrysene	13.61	228	602523	45.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.60	149	581954	53.98	ng		98
84) Di-n-octyl phthalate	14.21	149	1001073	53.91	ng		98
85) Indeno(1,2,3-cd)pyrene	16.05	276	681500	63.90	ng		97
87) Benzo(b)fluoranthene	14.57	252	831695m	59.19	ng		
88) Benzo(k)fluoranthene	14.59	252	416751m	31.60	ng		
89) Benzo(a)pyrene	14.86	252	612312	46.33	ng		99
90) Dibenzo(a,h)anthracene	16.07	278	580873	56.32	ng	#	96
91) Benzo(g,h,i)perylene	16.39	276	560741	55.54	ng		96

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

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