Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090713.D
Acq On : 21 Oct 2016 15:03
Operator : UM/SJ
Sample : PB94209BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94209BS

Quant Time: Oct 21 20:15:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	243280	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1023737	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	527761	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	793227	20.00	ng		0.00
75) Chrysene-d12	14.03	240	566257	20.00	ng		0.01
86) Perylene-d12	15.46	264	368893	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2205507	146.21	ng		0.02
7) Phenol-d6	6.51	99	2814070	137.73	ng		0.01
23) Nitrobenzene-d5	7.42	82	2000553	107.18	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	674047	161.36	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	3285493	96.64	ng		0.00
78) Terphenyl-d14	12.98	244	2887798	116.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	329529	37.75	ng		86
3) Pyridine	3.34	79	891023	43.56	ng	#	78
4) n-Nitrosodimethylamine	3.30	42	367059	52.45	ng		89
6) Aniline	6.53	93	653386	28.20	ng	#	80
8) 2-Chlorophenol	6.65	128	805289	44.47	ng		84
9) Benzaldehyde	6.41	77	201011	17.99	ng	#	76
10) Phenol	6.52	94	1159989	50.50	ng	#	66
11) bis(2-Chloroethyl)ether	6.60	93	923179	47.84	ng		97
12) 1,3-Dichlorobenzene	6.79	146	827053	45.47	ng	#	88
13) 1,4-Dichlorobenzene	6.87	146	886575	45.95	ng	#	91
14) 1,2-Dichlorobenzene	7.03	146	860036	45.53	ng		96
15) Benzyl Alcohol	7.00	79	695787	50.13	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1261733	43.65	ng		72
17) 2-Methylphenol	7.13	107	695405	50.97	ng	#	81
18) Hexachloroethane	7.37	117	354457	45.26	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	725141	47.66	ng	#	69
20) 3+4-Methylphenols	7.27	107	767399	47.45	ng	#	59
22) Acetophenone	7.27	105	1134027	49.71	ng	#	81
24) Nitrobenzene	7.45	77	969846	47.93	ng	#	68
25) Isophorone	7.69	82	1781100	50.41	ng	#	87
26) 2-Nitrophenol	7.77	139	449938	54.43	ng	#	78
27) 2,4-Dimethylphenol	7.80	122	583726	39.82	ng	#	78
28) bis(2-Chloroethoxy)methane	7.90	93	1084730	56.12	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	643144	53.46	ng		92
30) 1,2,4-Trichlorobenzene	8.09	180	713281	50.38	ng		96
31) Naphthalene	8.17	128	2376489	47.46	ng		96
32) Benzoic acid	7.95	122	374752	38.11	ng	#	57
33) 4-Chloroaniline	8.21	127	279440	15.05	ng	#	83
34) Hexachlorobutadiene	8.28	225	390269	49.03	ng		98
35) Caprolactam	8.60	113	116546	33.92	ng	#	82
36) 4-Chloro-3-methylphenol	8.70	107	714335	51.05	ng	#	76
37) 2-Methylnaphthalene	8.86	142	1594199	54.47	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	660306	46.33	ng		98
40) Hexachlorocyclopentadiene	9.01	237	777235	116.18	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	452701	51.22	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	427393	47.65	ng	#	89
45) 1,1'-Biphenyl	9.32	154	1757956	42.42	ng		89
46) 2-Chloronaphthalene	9.34	162	1449658	47.06	ng	#	87
47) 2-Nitroaniline	9.45	65	510585	49.93	ng	#	72
48) Acenaphthylene	9.77	152	2271299	48.32	ng		95
49) Dimethylphthalate	9.63	163	1526796	46.04	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	333080	46.70	ng	#	39
51) Acenaphthene	9.94	154	1599524	51.26	ng		88
52) 3-Nitroaniline	9.86	138	182345	22.24	ng	#	60
53) 2,4-Dinitrophenol	9.97	184	345965	83.03	ng	#	86
54) Dibenzofuran	10.11	168	1968609	52.08	ng	#	84
55) 4-Nitrophenol	10.03	139	526105	102.65	ng	#	40
56) 2,4-Dinitrotoluene	10.10	165	522042	59.89	ng	#	84
57) Fluorene	10.45	166	1581157	50.47	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	365415	51.92	ng		93
59) Diethylphthalate	10.33	149	1576403	45.83	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	714556	49.91	ng	#	84
61) 4-Nitroaniline	10.49	138	367714	44.29	ng	#	60
62) Azobenzene	10.60	77	1912402	47.48	ng		86
64) 4,6-Dinitro-2-methylphenol	10.51	198	231964	46.00	ng	#	67
65) n-Nitrosodiphenylamine	10.57	169	1343953	52.88	ng		89
66) 4-Bromophenyl-phenylether	10.93	248	435961	56.69	ng		97
67) Hexachlorobenzene	11.00	284	520615	57.37	ng	#	83
68) Atrazine	11.09	200	372599	53.12	ng		84
69) Pentachlorophenol	11.19	266	536931	89.60	ng		98
70) Phenanthrene	11.46	178	2111893	52.23	ng		95
71) Anthracene	11.46	178	2122385	47.33	ng		95
72) Carbazole	11.62	167	1922515	51.28	ng	#	92
73) Di-n-butylphthalate	11.95	149	2351924	48.36	ng	#	96
74) Fluoranthene	12.60	202	2148988	54.94	ng		89
76) Benzidine	12.73	184	261879	20.83	ng		97
77) Pyrene	12.60	202	2115462	53.49	ng		95
79) Butylbenzylphthalate	13.45	149	1039764	57.20	ng		89
80) Benzo(a)anthracene	14.02	228	1628654	52.56	ng		95
81) 3,3'-Dichlorobenzidine	13.97	252	294427	27.42	ng		98
82) Chrysene	14.02	228	1628654	53.85	ng		96
83) Bis(2-ethylhexyl)phthalate	14.01	149	1294360	49.77	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1996595	50.58	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.88	276	1080819	40.96	ng	#	94
87) Benzo(b)fluoranthene	15.05	252	1199398	52.88	ng	#	90
88) Benzo(k)fluoranthene	15.05	252	1199398	52.62	ng	#	91
89) Benzo(a)pyrene	15.40	252	1085488	51.01	ng	#	88
90) Dibenzo(a,h)anthracene	16.89	278	928984	45.46	ng	#	85
91) Benzo(g,h,i)perylene	17.30	276	861492	43.47	ng	#	81

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

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