Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091923.D
Acq On : 23 Dec 2016 15:00
Operator : UM/SJ
Sample : PB95610BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95610BS

Quant Time: Dec 23 22:20:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	198934	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	832274	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	436436	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	743540	20.00	ng		0.00
75) Chrysene-d12	13.89	240	554648	20.00	ng		-0.01
86) Perylene-d12	15.29	264	446454	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1507008	126.49	ng		0.05
7) Phenol-d6	6.44	99	2035954	139.97	ng		0.03
23) Nitrobenzene-d5	7.31	82	1364827	91.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	533951	147.83	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2165310	104.63	ng		-0.01
78) Terphenyl-d14	12.84	244	1967713	86.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	230899	39.37	ng		96
3) Pyridine	3.04	79	642980	31.41	ng		98
4) n-Nitrosodimethylamine	3.00	42	319368	41.36	ng		100
6) Aniline	6.41	93	441637	23.38	ng	#	44
8) 2-Chlorophenol	6.54	128	597719	44.10	ng		96
9) Benzaldehyde	6.28	77	88899	8.19	ng		93
10) Phenol	6.45	94	894997	53.99	ng	#	75
11) bis(2-Chloroethyl)ether	6.49	93	664965	50.42	ng		98
12) 1,3-Dichlorobenzene	6.68	146	675021	46.66	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	680392	46.20	ng		95
14) 1,2-Dichlorobenzene	6.91	146	541764	42.40	ng		97
15) Benzyl Alcohol	6.91	79	549754	48.64	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	884334	45.03	ng		90
17) 2-Methylphenol	7.05	107	542431	49.77	ng		98
18) Hexachloroethane	7.25	117	256109	46.91	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	507113	52.40	ng	#	90
20) 3+4-Methylphenols	7.21	107	737899	56.76	ng	#	73
22) Acetophenone	7.16	105	960525	46.79	ng	#	90
24) Nitrobenzene	7.33	77	749672	47.03	ng		95
25) Isophorone	7.57	82	1217718	44.10	ng		95
26) 2-Nitrophenol	7.65	139	369185	46.96	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	550752	42.24	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	832038	49.69	ng		99
29) 2,4-Dichlorophenol	7.92	162	527572	47.78	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	560175	46.30	ng		97
31) Naphthalene	8.05	128	1868785	49.06	ng		99
32) Benzoic acid	7.87	122	413735	42.78	ng		99
33) 4-Chloroaniline	8.11	127	244765	14.25	ng		97
34) Hexachlorobutadiene	8.17	225	299659	46.92	ng		99
35) Caprolactam	8.49	113	172457m	47.53	ng		
36) 4-Chloro-3-methylphenol	8.62	107	558841	43.99	ng		98
37) 2-Methylnaphthalene	8.74	142	1147913	53.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	526633	47.76	ng		98
40) Hexachlorocyclopentadiene	8.90	237	478920	96.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	356429	46.22	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	349773	44.07	ng		96
45) 1,1'-Biphenyl	9.21	154	1483861	49.66	ng		99
46) 2-Chloronaphthalene	9.23	162	1106577	46.76	ng		95
47) 2-Nitroaniline	9.33	65	351437	41.71	ng		98
48) Acenaphthylene	9.64	152	1591899	43.74	ng		99
49) Dimethylphthalate	9.52	163	1281456	45.91	ng		99
50) 2,6-Dinitrotoluene	9.57	165	269894	44.17	ng	#	63
51) Acenaphthene	9.81	154	1027994	41.66	ng		98
52) 3-Nitroaniline	9.74	138	154433	20.43	ng		97
53) 2,4-Dinitrophenol	9.86	184	326060	95.91	ng	#	71
54) Dibenzofuran	9.98	168	1348838	40.48	ng		96
55) 4-Nitrophenol	9.96	139	575808m	112.16	ng		
56) 2,4-Dinitrotoluene	9.98	165	391948	51.11	ng		93
57) Fluorene	10.33	166	1095292	45.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	298701	47.59	ng		99
59) Diethylphthalate	10.21	149	1257305	46.38	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	522415	49.21	ng	#	76
61) 4-Nitroaniline	10.37	138	326773	41.71	ng		93
62) Azobenzene	10.48	77	1439568	48.23	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	225767	50.21	ng		88
65) n-Nitrosodiphenylamine	10.44	169	1058537	47.98	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	333269	43.09	ng		96
67) Hexachlorobenzene	10.88	284	383708	46.41	ng		98
68) Atrazine	10.98	200	323049	45.39	ng		97
69) Pentachlorophenol	11.08	266	364540	89.86	ng		100
70) Phenanthrene	11.29	178	1819693	45.13	ng		99
71) Anthracene	11.33	178	1741682	51.07	ng		99
72) Carbazole	11.50	167	1742325	68.12	ng		98
73) Di-n-butylphthalate	11.82	149	1806584	47.52	ng		100
74) Fluoranthene	12.47	202	1737815	49.51	ng		98
76) Benzidine	12.59	184	438689	28.25	ng		97
77) Pyrene	12.69	202	1696842	41.70	ng		100
79) Butylbenzylphthalate	13.32	149	869548	46.98	ng		92
80) Benzo(a)anthracene	13.88	228	1373289	43.86	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	297041	25.02	ng		96
82) Chrysene	13.92	228	1219487	38.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1023000	46.93	ng	#	99
84) Di-n-octyl phthalate	14.49	149	1789792	44.33	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1155895	42.49	ng		98
87) Benzo(b)fluoranthene	14.90	252	1361107m	48.97	ng		
88) Benzo(k)fluoranthene	14.92	252	984071m	41.52	ng		
89) Benzo(a)pyrene	15.23	252	1121356	45.45	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	934680	46.09	ng		97
91) Benzo(g,h,i)perylene	17.03	276	994523	47.17	ng		98

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

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