Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090155.D
Acq On : 21 Sep 2016 12:10
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93481BS

Quant Time: Sep 22 05:38:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	168306	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	672403	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	337787	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	502230	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	377339	20.00	ng		-0.01
86) Perylene-d12	14.94	264	319766	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1306852	126.56	ng		0.01
7) Phenol-d6	6.17	99	1632175	128.00	ng		0.00
23) Nitrobenzene-d5	7.08	82	1087468	93.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	364169	125.67	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1584660	92.10	ng		-0.01
78) Terphenyl-d14	12.59	244	1323912	89.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	207889	37.11	ng		98
3) Pyridine	2.57	79	555290m	45.71	ng		
4) n-Nitrosodimethylamine	2.54	42	189010	52.13	ng		98
6) Aniline	6.17	93	475592	29.92	ng		94
8) 2-Chlorophenol	6.30	128	541339	45.56	ng		85
9) Benzaldehyde	6.04	77	51960	9.35	ng		98
10) Phenol	6.18	94	685241	45.46	ng	#	73
11) bis(2-Chloroethyl)ether	6.26	93	542108	46.12	ng		90
12) 1,3-Dichlorobenzene	6.44	146	546173	44.00	ng		100
13) 1,4-Dichlorobenzene	6.52	146	565572	44.63	ng		100
14) 1,2-Dichlorobenzene	6.67	146	448580	39.73	ng	#	89
15) Benzyl Alcohol	6.67	79	385102	50.64	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.81	45	643984	45.84	ng		95
17) 2-Methylphenol	6.79	107	465419	49.73	ng		99
18) Hexachloroethane	7.02	117	198958	44.02	ng		95
19) n-Nitroso-di-n-propylamine	6.95	70	368586	49.20	ng		99
20) 3+4-Methylphenols	6.95	107	542157	48.26	ng		94
22) Acetophenone	6.94	105	691954	42.67	ng	#	99
24) Nitrobenzene	7.10	77	511775	42.34	ng		97
25) Isophorone	7.35	82	1086421	44.83	ng		99
26) 2-Nitrophenol	7.42	139	273712	45.99	ng		98
27) 2,4-Dimethylphenol	7.47	122	447955	42.37	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	649350	44.30	ng		99
29) 2,4-Dichlorophenol	7.67	162	451820	48.72	ng		96
30) 1,2,4-Trichlorobenzene	7.75	180	428385	46.24	ng	#	95
31) Naphthalene	7.82	128	1452685	45.37	ng		100
32) Benzoic acid	7.63	122	283340	39.03	ng		89
33) 4-Chloroaniline	7.87	127	274190	20.65	ng		99
34) Hexachlorobutadiene	7.94	225	209027	42.77	ng		98
35) Caprolactam	8.26	113	154804m	50.43	ng		
36) 4-Chloro-3-methylphenol	8.38	107	474997	45.32	ng		98
37) 2-Methylnaphthalene	8.51	142	1011086	50.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	294449	37.98	ng		99
40) Hexachlorocyclopentadiene	8.66	237	374489	97.88	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	287063	51.96	ng		97
43) 2,4,5-Trichlorophenol	8.84	196	309201	54.05	ng		97
45) 1,1'-Biphenyl	8.97	154	983581	40.70	ng		100
46) 2-Chloronaphthalene	8.99	162	848998	47.62	ng		100
47) 2-Nitroaniline	9.10	65	267716	49.81	ng		88
48) Acenaphthylene	9.40	152	1288616	44.51	ng		100
49) Dimethylphthalate	9.29	163	975304	45.33	ng		98
50) 2,6-Dinitrotoluene	9.35	165	244743	51.04	ng	#	73
51) Acenaphthene	9.58	154	764623	44.49	ng		99
52) 3-Nitroaniline	9.51	138	164133	29.19	ng		99
53) 2,4-Dinitrophenol	9.62	184	224946	83.71	ng	#	84
54) Dibenzofuran	9.75	168	1020377	45.12	ng		96
55) 4-Nitrophenol	9.69	139	292210	75.87	ng		88
56) 2,4-Dinitrotoluene	9.75	165	271384	47.86	ng		84
57) Fluorene	10.09	166	831766	48.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	212173	49.54	ng		96
59) Diethylphthalate	9.99	149	892554	42.96	ng		97
60) 4-Chlorophenyl-phenylether	10.09	204	335537	43.17	ng	#	78
61) 4-Nitroaniline	10.12	138	252348	44.04	ng		93
62) Azobenzene	10.24	77	948296	43.85	ng		99
64) 4,6-Dinitro-2-methylphenol	10.15	198	129935	41.31	ng	#	65
65) n-Nitrosodiphenylamine	10.20	169	737746	44.67	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	244573	49.49	ng	#	92
67) Hexachlorobenzene	10.63	284	259722	45.09	ng		97
68) Atrazine	10.74	200	193516	42.76	ng		96
69) Pentachlorophenol	10.82	266	265564	81.23	ng		99
70) Phenanthrene	11.04	178	1191760	50.74	ng		99
71) Anthracene	11.08	178	1153937	46.84	ng		100
72) Carbazole	11.24	167	1212647	46.56	ng		99
73) Di-n-butylphthalate	11.60	149	1462891	48.31	ng	#	97
74) Fluoranthene	12.21	202	1079565	42.82	ng		99
76) Benzidine	12.34	184	250709	19.85	ng		97
77) Pyrene	12.43	202	1203617	46.61	ng		99
79) Butylbenzylphthalate	13.07	149	578992	45.84	ng		93
80) Benzo(a)anthracene	13.61	228	949054	46.75	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	238186	28.45	ng	#	97
82) Chrysene	13.65	228	786853m	39.79	ng		
83) Bis(2-ethylhexyl)phthalate	13.63	149	707483	43.77	ng	#	98
84) Di-n-octyl phthalate	14.24	149	1263099	45.36	ng		98
85) Indeno(1,2,3-cd)pyrene	16.10	276	932871	58.34	ng		99
87) Benzo(b)fluoranthene	14.59	252	769548m	43.46	ng		
88) Benzo(k)fluoranthene	14.62	252	794423m	47.81	ng		
89) Benzo(a)pyrene	14.89	252	772803	46.40	ng	#	97
90) Dibenzo(a,h)anthracene	16.11	278	779707	59.99	ng	#	95
91) Benzo(g,h,i)perylene	16.45	276	796933	62.64	ng		98

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

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