Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091169.D
Acq On : 15 Nov 2016 10:18
Operator : UM/SJ
Sample : PB94688BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94688BS

Quant Time: Nov 16 00:27:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170821	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	720523	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	411720	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	634837	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	511558	20.00	ng		-0.03
86) Perylene-d12	15.15	264	476119	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1255080	121.35	ng		-0.01
7) Phenol-d6	6.29	99	1571566	111.94	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1069310	80.96	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	454383	122.07	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1836947	76.81	ng		-0.03
78) Terphenyl-d14	12.74	244	2007909	97.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	186176	31.47	ng	#	96
3) Pyridine	2.83	79	519864	37.56	ng		94
4) n-Nitrosodimethylamine	2.78	42	203932	37.25	ng		90
6) Aniline	6.30	93	323728	19.55	ng	#	8
8) 2-Chlorophenol	6.42	128	502912	40.76	ng		97
9) Benzaldehyde	6.20	77	36600	4.70	ng		95
10) Phenol	6.30	94	546245	35.16	ng	#	75
11) bis(2-Chloroethyl)ether	6.38	93	518521	39.61	ng		85
12) 1,3-Dichlorobenzene	6.57	146	502144m	40.24	ng		
13) 1,4-Dichlorobenzene	6.65	146	526198m	39.30	ng		
14) 1,2-Dichlorobenzene	6.81	146	509558	41.47	ng		97
15) Benzyl Alcohol	6.80	79	407057	41.11	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.92	45	637087	33.98	ng	#	42
17) 2-Methylphenol	6.92	107	397887	40.74	ng		93
18) Hexachloroethane	7.14	117	199036	38.41	ng	#	85
19) n-Nitroso-di-n-propylamine	7.06	70	384179	39.49	ng		98
20) 3+4-Methylphenols	7.07	107	533190	45.47	ng		90
22) Acetophenone	7.06	105	704126	42.44	ng	#	94
24) Nitrobenzene	7.23	77	574021	39.35	ng		95
25) Isophorone	7.47	82	1038347	40.80	ng		98
26) 2-Nitrophenol	7.55	139	263446	42.68	ng	#	71
27) 2,4-Dimethylphenol	7.60	122	452085	44.28	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	645872	46.45	ng		99
29) 2,4-Dichlorophenol	7.79	162	390457	43.82	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	443480	44.27	ng		99
31) Naphthalene	7.94	128	1422589	41.28	ng		99
32) Benzoic acid	7.76	122	223179	30.13	ng		99
33) 4-Chloroaniline	8.01	127	172378	12.03	ng	#	95
34) Hexachlorobutadiene	8.06	225	239953	44.38	ng		98
35) Caprolactam	8.38	113	135118m	48.27	ng		
36) 4-Chloro-3-methylphenol	8.51	107	487801	45.22	ng		96
37) 2-Methylnaphthalene	8.64	142	953899	43.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	450982	42.96	ng		99
40) Hexachlorocyclopentadiene	8.80	237	371804	90.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	270484	39.92	ng		100
43) 2,4,5-Trichlorophenol	8.98	196	287703	40.44	ng		95
45) 1,1'-Biphenyl	9.10	154	1197407	39.83	ng		98
46) 2-Chloronaphthalene	9.13	162	969888	42.49	ng		97
47) 2-Nitroaniline	9.23	65	316566	37.37	ng		95
48) Acenaphthylene	9.54	152	1432521	40.27	ng		100
49) Dimethylphthalate	9.41	163	1062961	39.37	ng		100
50) 2,6-Dinitrotoluene	9.48	165	233602	40.37	ng	#	48
51) Acenaphthene	9.71	154	900314	40.32	ng		99
52) 3-Nitroaniline	9.64	138	116108	16.92	ng		100
53) 2,4-Dinitrophenol	9.76	184	213792	68.79	ng	#	71
54) Dibenzofuran	9.88	168	1255754	41.77	ng		96
55) 4-Nitrophenol	9.84	139	325415	71.85	ng	#	73
56) 2,4-Dinitrotoluene	9.88	165	317142	43.08	ng	#	83
57) Fluorene	10.22	166	1062786	43.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	262138	47.03	ng		98
59) Diethylphthalate	10.11	149	1085801	39.23	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	452144	40.43	ng	#	80
61) 4-Nitroaniline	10.26	138	250465	36.09	ng		95
62) Azobenzene	10.37	77	1217908	37.38	ng		88
64) 4,6-Dinitro-2-methylphenol	10.29	198	177940	45.77	ng		80
65) n-Nitrosodiphenylamine	10.34	169	861108	42.68	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	314239	47.59	ng	#	77
67) Hexachlorobenzene	10.77	284	326989	44.90	ng	#	76
68) Atrazine	10.88	200	310211	53.29	ng		99
69) Pentachlorophenol	10.97	266	287214	89.04	ng		98
70) Phenanthrene	11.17	178	1329059	39.38	ng		99
71) Anthracene	11.23	178	1508044	42.03	ng		99
72) Carbazole	11.39	167	1338375	41.39	ng		98
73) Di-n-butylphthalate	11.72	149	1546567	38.03	ng		98
74) Fluoranthene	12.36	202	1568770	44.82	ng		91
76) Benzidine	12.49	184	520118	45.51	ng		98
77) Pyrene	12.59	202	1509538	45.06	ng		97
79) Butylbenzylphthalate	13.22	149	733661	45.78	ng	#	72
80) Benzo(a)anthracene	13.77	228	1290783	44.44	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	189375	18.56	ng	#	96
82) Chrysene	13.81	228	1367367	47.74	ng		100
83) Bis(2-ethylhexyl)phthalate	13.78	149	928801	42.83	ng	#	93
84) Di-n-octyl phthalate	14.39	149	1651854	46.33	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1150885	48.43	ng		97
87) Benzo(b)fluoranthene	14.77	252	1208853m	37.43	ng		
88) Benzo(k)fluoranthene	14.81	252	1323021m	46.71	ng		
89) Benzo(a)pyrene	15.09	252	1136902	40.44	ng	#	98
90) Dibenzo(a,h)anthracene	16.43	278	982370	40.42	ng		99
91) Benzo(g,h,i)perylene	16.80	276	893296	40.65	ng		98

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

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