Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090509.D
Acq On : 11 Oct 2016 18:35
Operator : UM/SJ
Sample : PB93889BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93889BS

Manual Integrations APPROVED
sohil
10/12/2016 4:09:25 PM

Quant Time: Oct 12 11:33:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210363	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	847665	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	436605	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	772418	20.00	ng		0.01
75) Chrysene-d12	14.13	240	797048	20.00	ng		0.00
86) Perylene-d12	15.61	264	556703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1443083	106.72	ng		0.01
7) Phenol-d6	6.59	99	1922125	112.64	ng		0.00
23) Nitrobenzene-d5	7.51	82	1185806	75.87	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	608213	140.53	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2212848	85.17	ng		0.00
78) Terphenyl-d14	13.08	244	2632629	80.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	200602	30.24	ng	#	85
3) Pyridine	3.45	79	584287m	31.87	ng		
4) n-Nitrosodimethylamine	3.40	42	223146	37.14	ng	#	41
6) Aniline	6.61	93	398502	18.41	ng		97
8) 2-Chlorophenol	6.74	128	541540	37.65	ng		98
9) Benzaldehyde	6.50	77	171410	15.95	ng		95
10) Phenol	6.60	94	808027	41.98	ng		94
11) bis(2-Chloroethyl)ether	6.69	93	575244	39.93	ng		90
12) 1,3-Dichlorobenzene	6.90	146	576176	37.13	ng		98
13) 1,4-Dichlorobenzene	6.97	146	550027	34.74	ng		99
14) 1,2-Dichlorobenzene	7.13	146	583156	40.53	ng		97
15) Benzyl Alcohol	7.09	79	478568	36.53	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	730563	35.38	ng		89
17) 2-Methylphenol	7.21	107	445729	38.10	ng		99
18) Hexachloroethane	7.47	117	218275	37.36	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	414850	38.12	ng	#	80
20) 3+4-Methylphenols	7.37	107	586163	39.57	ng	#	76
22) Acetophenone	7.37	105	755792	40.50	ng	#	88
24) Nitrobenzene	7.54	77	654597	39.05	ng	#	86
25) Isophorone	7.78	82	1141019	40.12	ng		98
26) 2-Nitrophenol	7.86	139	301864	39.47	ng		95
27) 2,4-Dimethylphenol	7.89	122	525097	40.39	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	672044	38.26	ng		97
29) 2,4-Dichlorophenol	8.10	162	459594	42.27	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	452873	36.26	ng		99
31) Naphthalene	8.26	128	1512041	35.80	ng		98
32) Benzoic acid	8.01	122	357595	34.85	ng		97
33) 4-Chloroaniline	8.30	127	187361	10.48	ng		95
34) Hexachlorobutadiene	8.38	225	263983	37.80	ng		98
35) Caprolactam	8.67	113	151156m	42.88	ng		
36) 4-Chloro-3-methylphenol	8.79	107	503970	39.69	ng		99
37) 2-Methylnaphthalene	8.95	142	1037745	36.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	495738	40.56	ng		99
40) Hexachlorocyclopentadiene	9.11	237	626807	103.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	316545	38.41	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	330876	40.57	ng		94
45) 1,1'-Biphenyl	9.42	154	1326951	39.79	ng		94
46) 2-Chloronaphthalene	9.45	162	1046887	42.19	ng		95
47) 2-Nitroaniline	9.54	65	361060	40.80	ng		94
48) Acenaphthylene	9.86	152	1473553	36.81	ng		98
49) Dimethylphthalate	9.72	163	1172749	39.94	ng		99
50) 2,6-Dinitrotoluene	9.78	165	251298	38.76	ng		90
51) Acenaphthene	10.03	154	1041103	38.81	ng		98
52) 3-Nitroaniline	9.95	138	144682	17.99	ng	#	82
53) 2,4-Dinitrophenol	10.05	184	280878	78.07	ng	#	84
54) Dibenzofuran	10.21	168	1406582	39.40	ng		95
55) 4-Nitrophenol	10.11	139	473776	75.79	ng		94
56) 2,4-Dinitrotoluene	10.19	165	383344	44.70	ng		100
57) Fluorene	10.54	166	1109543	38.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	293874	43.20	ng		96
59) Diethylphthalate	10.42	149	1180990	39.55	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	593329	44.13	ng		90
61) 4-Nitroaniline	10.57	138	309269	37.68	ng		92
62) Azobenzene	10.70	77	1424921	43.69	ng		86
64) 4,6-Dinitro-2-methylphenol	10.59	198	185222	35.90	ng	#	77
65) n-Nitrosodiphenylamine	10.66	169	983233	39.14	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	358469	41.88	ng	#	85
67) Hexachlorobenzene	11.10	284	367537	38.87	ng	#	84
68) Atrazine	11.18	200	284264	36.57	ng		98
69) Pentachlorophenol	11.30	266	469923	83.53	ng		98
70) Phenanthrene	11.51	178	1767356	41.52	ng		98
71) Anthracene	11.56	178	1538835	35.68	ng		98
72) Carbazole	11.72	167	1701320	41.77	ng		96
73) Di-n-butylphthalate	12.05	149	2090089	42.61	ng	#	96
74) Fluoranthene	12.70	202	1903813	43.81	ng		93
76) Benzidine	12.82	184	451135	18.01	ng		99
77) Pyrene	12.93	202	1848956	37.06	ng		99
79) Butylbenzylphthalate	13.55	149	892137	38.20	ng		90
80) Benzo(a)anthracene	14.12	228	1718151	36.17	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	264252	15.46	ng	#	99
82) Chrysene	14.16	228	1441459	32.60	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1261723	37.02	ng	#	100
84) Di-n-octyl phthalate	14.73	149	2092239	39.64	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1126340	30.59	ng		96
87) Benzo(b)fluoranthene	15.17	252	1648494	44.88	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	1156309m	35.34	ng		
89) Benzo(a)pyrene	15.55	252	1313235	40.71	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	964619	35.21	ng	#	96
91) Benzo(g,h,i)perylene	17.53	276	878836	34.68	ng		96

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

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