Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091536.D
Acq On : 9 Dec 2016 19:25
Operator : UM/SJ
Sample : PB95122BS
Misc :
ALS Vial : 11 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Manual Integrations APPROVED
sohil
12/12/2016 6:49:48 PM

Quant Time: Dec 09 22:24:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	452345	40.00	ng		0.00
21) Naphthalene-d8	8.10	136	1778637	40.00	ng		0.00
38) Acenaphthene-d10	9.86	164	965643	40.00	ng		0.00
63) Phenanthrene-d10	11.33	188	1473459	40.00	ng		0.00
75) Chrysene-d12	13.96	240	1025390	40.00	ng		0.00
86) Perylene-d12	15.38	264	1016816	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2043623	152.23	ng		0.01
7) Phenol-d6	6.45	99	2686829	160.54	ng		0.00
23) Nitrobenzene-d5	7.38	82	1712532	107.48	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	632718	157.77	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2893903	103.56	ng		0.00
78) Terphenyl-d14	12.92	244	2556097	113.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	334972	47.28	ng	#	86
3) Pyridine	3.18	79	947525	50.19	ng	#	82
4) n-Nitrosodimethylamine	3.15	42	445308	54.90	ng	#	60
6) Aniline	6.48	93	655171	29.86	ng	#	86
8) 2-Chlorophenol	6.60	128	834945	55.10	ng		95
9) Benzaldehyde	6.35	77	188887	16.40	ng		97
10) Phenol	6.48	94	947312	48.41	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	934608	63.58	ng		85
12) 1,3-Dichlorobenzene	6.75	146	850346	51.75	ng	#	94
13) 1,4-Dichlorobenzene	6.83	146	851692	52.55	ng		97
14) 1,2-Dichlorobenzene	6.99	146	784133m	53.69	ng		
15) Benzyl Alcohol	6.96	79	708914	53.65	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1267590	55.64	ng		82
17) 2-Methylphenol	7.08	107	726814	57.97	ng	#	76
18) Hexachloroethane	7.32	117	336899	53.26	ng	#	80
19) n-Nitroso-di-n-propylamine	7.24	70	614641	58.73	ng	#	70
20) 3+4-Methylphenols	7.23	107	762705	53.81	ng	#	67
22) Acetophenone	7.23	105	1158904	54.39	ng	#	93
24) Nitrobenzene	7.40	77	1012250	60.13	ng	#	83
25) Isophorone	7.64	82	1687349	59.57	ng		99
26) 2-Nitrophenol	7.71	139	439106	59.10	ng		93
27) 2,4-Dimethylphenol	7.76	122	764655	58.59	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	1075763	64.75	ng		97
29) 2,4-Dichlorophenol	7.96	162	696551	61.35	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	709768	55.00	ng		98
31) Naphthalene	8.12	128	2267635	54.80	ng		100
32) Benzoic acid	7.89	122	525695	60.20	ng		91
33) 4-Chloroaniline	8.17	127	197614	11.09	ng		97
34) Hexachlorobutadiene	8.25	225	421489	56.98	ng		97
35) Caprolactam	8.54	113	223744m	67.48	ng		
36) 4-Chloro-3-methylphenol	8.66	107	722202	56.71	ng		99
37) 2-Methylnaphthalene	8.82	142	1550824	57.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589273	44.50	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	710762	120.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	471355	55.40	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	453145	51.82	ng		92
45) 1,1'-Biphenyl	9.28	154	1720453	49.20	ng		98
46) 2-Chloronaphthalene	9.30	162	1330944	49.15	ng		98
47) 2-Nitroaniline	9.40	65	489129	53.71	ng		86
48) Acenaphthylene	9.71	152	2138643	51.81	ng		99
49) Dimethylphthalate	9.58	163	1619165	52.96	ng		99
50) 2,6-Dinitrotoluene	9.64	165	376237	56.07	ng	#	88
51) Acenaphthene	9.89	154	1598295	55.74	ng		97
52) 3-Nitroaniline	9.80	138	177571	22.53	ng		89
53) 2,4-Dinitrophenol	9.92	184	381499	112.04	ng		92
54) Dibenzofuran	10.06	168	1998579	56.34	ng		93
55) 4-Nitrophenol	9.98	139	662594	112.99	ng	#	54
56) 2,4-Dinitrotoluene	10.04	165	427290	50.80	ng	#	56
57) Fluorene	10.40	166	1308363	46.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	385057	56.25	ng		92
59) Diethylphthalate	10.28	149	1563760	53.12	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	680263	53.33	ng	#	89
61) 4-Nitroaniline	10.42	138	372089	47.50	ng		87
62) Azobenzene	10.56	77	1944384	58.29	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	259848	60.40	ng	#	44
65) n-Nitrosodiphenylamine	10.51	169	1233824	56.18	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	441275	58.42	ng	#	79
67) Hexachlorobenzene	10.94	284	414117	52.73	ng	#	74
68) Atrazine	11.05	200	460613	65.22	ng		96
69) Pentachlorophenol	11.14	266	470869	106.53	ng		96
70) Phenanthrene	11.36	178	1965715	53.88	ng		99
71) Anthracene	11.41	178	2317921	58.90	ng		100
72) Carbazole	11.56	167	1795260	52.05	ng		99
73) Di-n-butylphthalate	11.90	149	2478000	61.66	ng		100
74) Fluoranthene	12.54	202	2270867	59.45	ng		99
76) Benzidine	12.66	184	573154	36.16	ng		98
77) Pyrene	12.77	202	2227797	54.77	ng		99
79) Butylbenzylphthalate	13.39	149	916630	57.81	ng	#	84
80) Benzo(a)anthracene	13.95	228	1598490	53.69	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	263381	24.63	ng	#	96
82) Chrysene	14.00	228	1731814	55.59	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1156569	56.85	ng	#	92
84) Di-n-octyl phthalate	14.57	149	2154373	62.39	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1551069	55.33	ng		99
87) Benzo(b)fluoranthene	14.98	252	1726306m	56.96	ng		
88) Benzo(k)fluoranthene	15.00	252	1276583m	47.90	ng		
89) Benzo(a)pyrene	15.32	252	1477356	54.11	ng	#	97
90) Dibenzo(a,h)anthracene	16.76	278	1264727	51.71	ng		98
91) Benzo(g,h,i)perylene	17.16	276	1304768	52.42	ng		98

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

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