Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091537.D
Acq On : 9 Dec 2016 19:53
Operator : UM/SJ
Sample : PB95122BSD
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Manual Integrations APPROVED
sohil
12/12/2016 6:49:52 PM

Quant Time: Dec 09 22:45:50 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	453010	40.00	ng		0.00
21) Naphthalene-d8	8.10	136	1809299	40.00	ng		0.00
38) Acenaphthene-d10	9.86	164	978772	40.00	ng		0.00
63) Phenanthrene-d10	11.33	188	1492492	40.00	ng		0.00
75) Chrysene-d12	13.96	240	1011291	40.00	ng		0.00
86) Perylene-d12	15.38	264	986969	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2179908	162.14	ng		0.01
7) Phenol-d6	6.46	99	2895819	172.77	ng		0.01
23) Nitrobenzene-d5	7.38	82	1846158	113.90	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	668019	164.34	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	3066308	108.26	ng		0.00
78) Terphenyl-d14	12.92	244	2644589	118.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	329469	46.43	ng		88
3) Pyridine	3.18	79	989224	52.32	ng	#	80
4) n-Nitrosodimethylamine	3.14	42	444241	54.69	ng	#	64
6) Aniline	6.48	93	622478	28.33	ng	#	61
8) 2-Chlorophenol	6.60	128	854170	56.29	ng		96
9) Benzaldehyde	6.35	77	193978	16.82	ng		95
10) Phenol	6.48	94	1006136	51.34	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	895675	60.84	ng		87
12) 1,3-Dichlorobenzene	6.75	146	840359	51.07	ng	#	94
13) 1,4-Dichlorobenzene	6.83	146	869527	53.57	ng		97
14) 1,2-Dichlorobenzene	6.99	146	806430m	55.13	ng		
15) Benzyl Alcohol	6.96	79	709763	53.63	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1292599	56.66	ng		81
17) 2-Methylphenol	7.08	107	747304	59.52	ng	#	76
18) Hexachloroethane	7.33	117	343054	54.15	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	641633	61.22	ng	#	72
20) 3+4-Methylphenols	7.23	107	784557	55.46	ng	#	65
22) Acetophenone	7.23	105	1184069	54.63	ng	#	93
24) Nitrobenzene	7.40	77	1026820	59.96	ng	#	86
25) Isophorone	7.64	82	1723100	59.80	ng		100
26) 2-Nitrophenol	7.72	139	461120	61.01	ng	#	66
27) 2,4-Dimethylphenol	7.76	122	790537	59.55	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	1116465	66.06	ng		99
29) 2,4-Dichlorophenol	7.96	162	704106	60.96	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	728774	55.52	ng		99
31) Naphthalene	8.12	128	2315725	55.02	ng		99
32) Benzoic acid	7.89	122	524970	59.28	ng		94
33) 4-Chloroaniline	8.17	127	182618	10.07	ng		98
34) Hexachlorobutadiene	8.25	225	421913	56.07	ng		99
35) Caprolactam	8.54	113	228189m	67.65	ng		
36) 4-Chloro-3-methylphenol	8.66	107	741016	57.20	ng		100
37) 2-Methylnaphthalene	8.82	142	1596335	58.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	598863	44.62	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	731764	122.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	482500	55.95	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	463546	52.30	ng	#	92
45) 1,1'-Biphenyl	9.28	154	1737028	49.00	ng		99
46) 2-Chloronaphthalene	9.30	162	1336039	48.67	ng		98
47) 2-Nitroaniline	9.40	65	494500	53.57	ng		86
48) Acenaphthylene	9.72	152	2229051	53.27	ng		100
49) Dimethylphthalate	9.58	163	1631551	52.65	ng		98
50) 2,6-Dinitrotoluene	9.64	165	373298	54.89	ng		91
51) Acenaphthene	9.88	154	1600953	55.09	ng		97
52) 3-Nitroaniline	9.80	138	164074	20.54	ng		89
53) 2,4-Dinitrophenol	9.92	184	370113	108.54	ng	#	86
54) Dibenzofuran	10.06	168	1967799	54.73	ng		93
55) 4-Nitrophenol	9.98	139	670865	112.86	ng	#	57
56) 2,4-Dinitrotoluene	10.04	165	442204	51.87	ng	#	58
57) Fluorene	10.40	166	1366120	48.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	386170	55.65	ng		90
59) Diethylphthalate	10.28	149	1580060	52.95	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	674454	52.17	ng	#	85
61) 4-Nitroaniline	10.42	138	371616	46.80	ng		89
62) Azobenzene	10.56	77	1949737	57.66	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	266582	61.10	ng	#	43
65) n-Nitrosodiphenylamine	10.51	169	1294315	58.18	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	450169	58.84	ng	#	79
67) Hexachlorobenzene	10.94	284	415639	52.24	ng	#	72
68) Atrazine	11.05	200	479025	66.96	ng		98
69) Pentachlorophenol	11.14	266	474136	105.90	ng		95
70) Phenanthrene	11.36	178	2009066	54.37	ng		99
71) Anthracene	11.41	178	2335708	58.60	ng		100
72) Carbazole	11.56	167	1787543	51.16	ng		99
73) Di-n-butylphthalate	11.90	149	2554365	62.75	ng		100
74) Fluoranthene	12.55	202	2324540	60.07	ng		99
76) Benzidine	12.66	184	620537	39.69	ng		98
77) Pyrene	12.77	202	2302305	57.39	ng		99
79) Butylbenzylphthalate	13.39	149	911808	58.31	ng		87
80) Benzo(a)anthracene	13.95	228	1600860	54.52	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	251640	23.86	ng	#	98
82) Chrysene	14.00	228	1733063	56.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	1131931	56.42	ng		99
84) Di-n-octyl phthalate	14.57	149	2180634	64.03	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1544754	55.87	ng		99
87) Benzo(b)fluoranthene	14.98	252	1753914m	59.62	ng		
88) Benzo(k)fluoranthene	15.00	252	1266011m	48.94	ng		
89) Benzo(a)pyrene	15.32	252	1498000	56.52	ng	#	96
90) Dibenzo(a,h)anthracene	16.76	278	1272870	53.61	ng		99
91) Benzo(g,h,i)perylene	17.16	276	1311696	54.29	ng		96

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

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