Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092284.D
Acq On : 16 Jan 2017 14:33
Operator : UM/SJ
Sample : PB95965BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Manual Integrations APPROVED
mohammad
1/17/2017 4:57:03 PM

Quant Time: Jan 17 00:57:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	255551	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	997285	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	538980	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	968497	20.00	ng		0.00
75) Chrysene-d12	13.71	240	646036	20.00	ng		0.00
86) Perylene-d12	15.06	264	750941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1988973	129.96	ng		0.02
7) Phenol-d6	6.24	99	2572888	137.69	ng		0.01
23) Nitrobenzene-d5	7.15	82	1605118	89.50	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	574583	128.82	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2513893	97.46	ng		0.00
78) Terphenyl-d14	12.66	244	2509439	94.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	271206	35.99	ng		97
3) Pyridine	2.69	79	788418	29.98	ng		97
4) n-Nitrosodimethylamine	2.67	42	361661	36.46	ng		97
6) Aniline	6.23	93	636704	26.23	ng	#	56
8) 2-Chlorophenol	6.36	128	780808	44.85	ng		92
9) Benzaldehyde	6.11	77	33547	2.18	ng		90
10) Phenol	6.26	94	1064417	49.99	ng	#	63
11) bis(2-Chloroethyl)ether	6.31	93	724888	42.79	ng		99
12) 1,3-Dichlorobenzene	6.51	146	784434	42.21	ng		99
13) 1,4-Dichlorobenzene	6.58	146	765523	40.47	ng		99
14) 1,2-Dichlorobenzene	6.74	146	645031	39.30	ng		98
15) Benzyl Alcohol	6.74	79	612040	42.15	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1007672	39.94	ng	#	39
17) 2-Methylphenol	6.86	107	609108	43.50	ng	#	91
18) Hexachloroethane	7.07	117	274922	39.20	ng	#	85
19) n-Nitroso-di-n-propylamine	7.00	70	523105	42.08	ng		98
20) 3+4-Methylphenols	7.02	107	855046	51.20	ng	#	71
22) Acetophenone	6.99	105	1090905	44.35	ng	#	92
24) Nitrobenzene	7.16	77	754351	39.49	ng		96
25) Isophorone	7.41	82	1523861	46.05	ng		99
26) 2-Nitrophenol	7.48	139	431153	45.77	ng		92
27) 2,4-Dimethylphenol	7.54	122	642626	41.13	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	939603	46.83	ng		99
29) 2,4-Dichlorophenol	7.73	162	625118	47.25	ng		91
30) 1,2,4-Trichlorobenzene	7.80	180	619080	42.70	ng		95
31) Naphthalene	7.88	128	2120504	46.46	ng		99
32) Benzoic acid	7.72	122	502486	43.36	ng		97
33) 4-Chloroaniline	7.94	127	414635	20.15	ng		98
34) Hexachlorobutadiene	7.99	225	320118	41.83	ng		99
35) Caprolactam	8.32	113	205714m	47.32	ng		
36) 4-Chloro-3-methylphenol	8.45	107	688065	45.20	ng		98
37) 2-Methylnaphthalene	8.56	142	1299788	48.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	592157	43.49	ng		98
40) Hexachlorocyclopentadiene	8.72	237	463344	76.58	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	411311	43.19	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	380981	38.87	ng		96
45) 1,1'-Biphenyl	9.03	154	1730048	46.88	ng		98
46) 2-Chloronaphthalene	9.06	162	1311794	44.89	ng		99
47) 2-Nitroaniline	9.16	65	398189	38.27	ng		99
48) Acenaphthylene	9.47	152	1967281	43.77	ng		99
49) Dimethylphthalate	9.34	163	1574981	45.69	ng		99
50) 2,6-Dinitrotoluene	9.41	165	377327	50.01	ng		99
51) Acenaphthene	9.64	154	1326168	43.52	ng		99
52) 3-Nitroaniline	9.57	138	216282	23.16	ng		98
53) 2,4-Dinitrophenol	9.70	184	406996	96.94	ng	#	81
54) Dibenzofuran	9.81	168	1820213	44.23	ng		97
55) 4-Nitrophenol	9.78	139	489815m	77.26	ng		
56) 2,4-Dinitrotoluene	9.81	165	386797	40.84	ng	#	63
57) Fluorene	10.15	166	1540777	51.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	371334	47.90	ng		97
59) Diethylphthalate	10.04	149	1493668	44.62	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	584973	44.62	ng		96
61) 4-Nitroaniline	10.20	138	493881	51.04	ng		82
62) Azobenzene	10.30	77	1848349	50.15	ng		96
64) 4,6-Dinitro-2-methylphenol	10.22	198	291521	49.78	ng	#	42
65) n-Nitrosodiphenylamine	10.27	169	1282738	44.63	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	485225	48.16	ng	#	81
67) Hexachlorobenzene	10.69	284	459561	42.68	ng	#	83
68) Atrazine	10.80	200	407804	43.99	ng		98
69) Pentachlorophenol	10.90	266	419949	79.48	ng		98
70) Phenanthrene	11.10	178	2167020	41.26	ng		99
71) Anthracene	11.16	178	2309070	52.63	ng		98
72) Carbazole	11.32	167	2270233	68.32	ng		99
73) Di-n-butylphthalate	11.65	149	2380167	48.12	ng		99
74) Fluoranthene	12.28	202	2050226	44.45	ng		99
76) Benzidine	12.42	184	851122	54.21	ng		95
77) Pyrene	12.51	202	2276550	48.03	ng		99
79) Butylbenzylphthalate	13.14	149	1013986	47.04	ng		99
80) Benzo(a)anthracene	13.70	228	1852690	50.80	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	431211	31.18	ng		98
82) Chrysene	13.73	228	1682226	45.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1327685	52.30	ng	#	94
84) Di-n-octyl phthalate	14.31	149	2580921	54.88	ng		100
85) Indeno(1,2,3-cd)pyrene	16.29	276	1784864	56.32	ng		98
87) Benzo(b)fluoranthene	14.69	252	2558812m	54.73	ng		
88) Benzo(k)fluoranthene	14.73	252	1189056m	29.82	ng		
89) Benzo(a)pyrene	15.00	252	1792646	43.20	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	1449301	42.49	ng		98
91) Benzo(g,h,i)perylene	16.65	276	1560356	44.00	ng	#	92

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

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