Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092118.D
Acq On : 6 Jan 2017 15:47
Operator : UM/SJ
Sample : PB95795BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:40 AM

Quant Time: Jan 06 16:41:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207769	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	807494	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	325445	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	501680	20.00	ng		0.00
75) Chrysene-d12	13.79	240	360128	20.00	ng		0.00
86) Perylene-d12	15.15	264	295491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1386343	111.41	ng		0.01
7) Phenol-d6	6.31	99	1674444	110.22	ng		0.00
23) Nitrobenzene-d5	7.21	82	1158978	79.81	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	306702	113.88	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1326817	83.27	ng		0.00
78) Terphenyl-d14	12.75	244	1463986	98.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	210874	34.42	ng	#	93
3) Pyridine	2.81	79	631059	29.52	ng		99
4) n-Nitrosodimethylamine	2.78	42	250703	31.08	ng		95
6) Aniline	6.31	93	368725	18.69	ng	#	85
8) 2-Chlorophenol	6.44	128	517332	36.55	ng		85
9) Benzaldehyde	6.18	77	40429	3.34	ng		98
10) Phenol	6.32	94	750310	43.34	ng	#	68
11) bis(2-Chloroethyl)ether	6.39	93	537918	39.05	ng		91
12) 1,3-Dichlorobenzene	6.58	146	582129	38.53	ng		99
13) 1,4-Dichlorobenzene	6.65	146	583799	37.96	ng		100
14) 1,2-Dichlorobenzene	6.81	146	503188	37.71	ng		97
15) Benzyl Alcohol	6.80	79	433962	36.76	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	715317	34.87	ng		92
17) 2-Methylphenol	6.93	107	423094	37.17	ng		95
18) Hexachloroethane	7.16	117	189375	33.21	ng		91
19) n-Nitroso-di-n-propylamine	7.06	70	360444	35.66	ng		99
20) 3+4-Methylphenols	7.09	107	562930	41.46	ng	#	71
22) Acetophenone	7.06	105	731848	36.74	ng	#	88
24) Nitrobenzene	7.24	77	639053	41.32	ng	#	85
25) Isophorone	7.48	82	1137336	42.45	ng		99
26) 2-Nitrophenol	7.54	139	301454	39.52	ng		94
27) 2,4-Dimethylphenol	7.60	122	468091	37.00	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	728622	44.85	ng		100
29) 2,4-Dichlorophenol	7.80	162	439409	41.02	ng		87
30) 1,2,4-Trichlorobenzene	7.88	180	474251	40.40	ng		98
31) Naphthalene	7.96	128	1527525	41.33	ng		98
32) Benzoic acid	7.75	122	353761	37.70	ng		99
33) 4-Chloroaniline	8.01	127	223862	13.43	ng	#	92
34) Hexachlorobutadiene	8.07	225	234109	37.78	ng		99
35) Caprolactam	8.38	113	135847m	38.59	ng		
36) 4-Chloro-3-methylphenol	8.52	107	462528	37.52	ng		89
37) 2-Methylnaphthalene	8.64	142	913959	38.89	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	375092	45.62	ng		99
40) Hexachlorocyclopentadiene	8.80	237	339221	92.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	218268	37.96	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	207877	35.13	ng	#	91
45) 1,1'-Biphenyl	9.11	154	954966	42.86	ng		98
46) 2-Chloronaphthalene	9.13	162	693546	39.30	ng		97
47) 2-Nitroaniline	9.24	65	249495	39.71	ng	#	84
48) Acenaphthylene	9.54	152	1161133	42.78	ng		98
49) Dimethylphthalate	9.42	163	875590	42.07	ng		100
50) 2,6-Dinitrotoluene	9.48	165	175125	38.44	ng	#	74
51) Acenaphthene	9.72	154	726847	39.50	ng		98
52) 3-Nitroaniline	9.65	138	113060	20.05	ng	#	78
53) 2,4-Dinitrophenol	9.76	184	165178	65.16	ng		98
54) Dibenzofuran	9.89	168	970066	39.04	ng		97
55) 4-Nitrophenol	9.83	139	232138	60.64	ng		92
56) 2,4-Dinitrotoluene	9.88	165	216721	37.90	ng	#	69
57) Fluorene	10.23	166	716490	39.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	197407	42.18	ng		94
59) Diethylphthalate	10.12	149	797195	39.44	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	294050	37.15	ng		98
61) 4-Nitroaniline	10.26	138	186334	31.89	ng		86
62) Azobenzene	10.38	77	864760	38.85	ng		99
64) 4,6-Dinitro-2-methylphenol	10.29	198	109776	36.19	ng	#	55
65) n-Nitrosodiphenylamine	10.34	169	623107	41.86	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	208926	40.03	ng	#	89
67) Hexachlorobenzene	10.77	284	205289	36.80	ng	#	78
68) Atrazine	10.88	200	213764	44.52	ng		94
69) Pentachlorophenol	10.97	266	203100	74.20	ng		99
70) Phenanthrene	11.18	178	1010882	37.16	ng		98
71) Anthracene	11.24	178	1136936	48.38	ng		97
72) Carbazole	11.40	167	1050574	48.66	ng		98
73) Di-n-butylphthalate	11.73	149	1150166	44.58	ng		99
74) Fluoranthene	12.36	202	1078763	45.22	ng		99
76) Benzidine	12.49	184	404136	43.82	ng		97
77) Pyrene	12.59	202	1023967	38.75	ng		99
79) Butylbenzylphthalate	13.23	149	516904	43.01	ng	#	78
80) Benzo(a)anthracene	13.77	228	903469	44.44	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	146061	18.95	ng		99
82) Chrysene	13.81	228	742187	36.40	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	627615	44.35	ng		99
84) Di-n-octyl phthalate	14.39	149	1025128	39.10	ng		100
85) Indeno(1,2,3-cd)pyrene	16.43	276	735837	41.66	ng		99
87) Benzo(b)fluoranthene	14.78	252	801077m	43.54	ng		
88) Benzo(k)fluoranthene	14.80	252	639026m	40.73	ng		
89) Benzo(a)pyrene	15.10	252	657086	40.24	ng	#	96
90) Dibenzo(a,h)anthracene	16.43	278	615421	45.85	ng		99
91) Benzo(g,h,i)perylene	16.80	276	617259	44.23	ng		99

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

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