Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092113.D
Acq On : 6 Jan 2017 13:29
Operator : UM/SJ
Sample : PB95763BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 06 16:14:36 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

Instrument : BNA_F
ClientSampleId : PB95763BS

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:19 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	181757	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	719912	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	382084	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	623114	20.00	ng		0.00
75) Chrysene-d12	13.79	240	416421	20.00	ng		0.00
86) Perylene-d12	15.15	264	344432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1599478	146.94	ng		0.01
7) Phenol-d6	6.31	99	1942312	146.15	ng		0.00
23) Nitrobenzene-d5	7.21	82	1124768	86.88	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	402698	127.35	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1890215	104.29	ng		0.00
78) Terphenyl-d14	12.75	244	1950918	113.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	230112	42.94	ng		97
3) Pyridine	2.82	79	571265	30.54	ng		96
4) n-Nitrosodimethylamine	2.78	42	289785	41.07	ng		99
6) Aniline	6.31	93	227080	13.16	ng	#	87
8) 2-Chlorophenol	6.44	128	603611	48.75	ng		91
9) Benzaldehyde	6.18	77	49670	4.82	ng		95
10) Phenol	6.32	94	677339	44.73	ng	#	77
11) bis(2-Chloroethyl)ether	6.39	93	614473	50.99	ng		96
12) 1,3-Dichlorobenzene	6.58	146	600330	45.42	ng		98
13) 1,4-Dichlorobenzene	6.66	146	584996m	43.48	ng		
14) 1,2-Dichlorobenzene	6.81	146	523336	44.83	ng		99
15) Benzyl Alcohol	6.80	79	429355	41.58	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	763795	42.56	ng		82
17) 2-Methylphenol	6.93	107	442826	44.47	ng		93
18) Hexachloroethane	7.16	117	212930	42.69	ng		96
19) n-Nitroso-di-n-propylamine	7.08	70	426242	48.21	ng		91
20) 3+4-Methylphenols	7.09	107	608524	51.23	ng	#	73
22) Acetophenone	7.06	105	788917	44.43	ng	#	91
24) Nitrobenzene	7.24	77	630806	45.75	ng		91
25) Isophorone	7.48	82	1078897	45.17	ng		96
26) 2-Nitrophenol	7.56	139	306597	45.09	ng	#	80
27) 2,4-Dimethylphenol	7.61	122	495021	43.89	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	654241	45.17	ng		100
29) 2,4-Dichlorophenol	7.81	162	443693	46.46	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	470451	44.95	ng		96
31) Naphthalene	7.96	128	1555507	47.21	ng		98
32) Benzoic acid	7.76	122	372837	44.57	ng		99
33) 4-Chloroaniline	8.01	127	82876	5.58	ng		96
34) Hexachlorobutadiene	8.07	225	238781	43.22	ng		99
35) Caprolactam	8.39	113	152735m	48.67	ng		
36) 4-Chloro-3-methylphenol	8.52	107	486777	44.29	ng		99
37) 2-Methylnaphthalene	8.64	142	952252	49.45	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	443656	45.96	ng		98
40) Hexachlorocyclopentadiene	8.80	237	410823	94.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	286697	42.47	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	311900	44.89	ng	#	85
45) 1,1'-Biphenyl	9.11	154	1290517	49.33	ng		99
46) 2-Chloronaphthalene	9.13	162	993868	47.97	ng		98
47) 2-Nitroaniline	9.24	65	325832	44.17	ng		91
48) Acenaphthylene	9.54	152	1500965	47.11	ng		99
49) Dimethylphthalate	9.42	163	1056854	43.25	ng		99
50) 2,6-Dinitrotoluene	9.48	165	226599	42.36	ng	#	68
51) Acenaphthene	9.72	154	946488	43.81	ng		99
52) 3-Nitroaniline	9.65	138	69425	10.49	ng		82
53) 2,4-Dinitrophenol	9.76	184	272491	91.56	ng	#	80
54) Dibenzofuran	9.89	168	1272994	43.64	ng		97
55) 4-Nitrophenol	9.84	139	380424	84.64	ng		95
56) 2,4-Dinitrotoluene	9.89	165	326370	48.61	ng		96
57) Fluorene	10.23	166	1035166	48.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	262507	47.77	ng		99
59) Diethylphthalate	10.12	149	1054365	44.43	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	401648	43.22	ng		100
61) 4-Nitroaniline	10.26	138	274266	39.98	ng		95
62) Azobenzene	10.38	77	1216945	46.57	ng		99
64) 4,6-Dinitro-2-methylphenol	10.29	198	168318	44.67	ng	#	36
65) n-Nitrosodiphenylamine	10.34	169	840521	45.46	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	307166	47.39	ng		92
67) Hexachlorobenzene	10.77	284	306027	44.17	ng	#	76
68) Atrazine	10.88	200	313018	52.48	ng		96
69) Pentachlorophenol	10.97	266	296940	87.35	ng		98
70) Phenanthrene	11.18	178	1401256	41.47	ng		99
71) Anthracene	11.24	178	1637221	63.49	ng		99
72) Carbazole	11.40	167	1443389	63.71	ng		99
73) Di-n-butylphthalate	11.73	149	1635665	51.70	ng		99
74) Fluoranthene	12.37	202	1549459	52.95	ng		91
76) Benzidine	12.49	184	323191	27.60	ng		97
77) Pyrene	12.59	202	1440378	47.14	ng		100
79) Butylbenzylphthalate	13.23	149	778482	56.02	ng	#	83
80) Benzo(a)anthracene	13.77	228	1197758	50.96	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	177493	19.91	ng		97
82) Chrysene	13.81	228	1042670	44.22	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	837851	51.20	ng		98
84) Di-n-octyl phthalate	14.39	149	1360662	44.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	928944	45.48	ng		100
87) Benzo(b)fluoranthene	14.78	252	1034675m	48.25	ng		
88) Benzo(k)fluoranthene	14.80	252	794633m	43.46	ng		
89) Benzo(a)pyrene	15.10	252	885054	46.50	ng	#	97
90) Dibenzo(a,h)anthracene	16.44	278	769662	49.20	ng		95
91) Benzo(g,h,i)perylene	16.80	276	811158	49.87	ng		98

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

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