Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092252.D
Acq On : 13 Jan 2017 20:03
Operator : UM/SJ
Sample : PB95965BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Manual Integrations APPROVED
Sohil
1/16/2017 12:00:44 PM

Quant Time: Jan 16 10:48:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	226280	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	782774	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	413907	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	655248	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	438754	20.00	ng		-0.01
86) Perylene-d12	15.07	264	411673	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1803731	133.10	ng		0.01
7) Phenol-d6	6.26	99	2373702	143.46	ng		0.00
23) Nitrobenzene-d5	7.15	82	1215048	86.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	452770	132.18	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	2181378	112.09	ng		0.00
78) Terphenyl-d14	12.68	244	1919229	106.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	224008	33.58	ng		97
3) Pyridine	2.72	79	619182	26.59	ng		95
4) n-Nitrosodimethylamine	2.69	42	299439	34.09	ng		98
6) Aniline	6.24	93	491790	22.88	ng	#	67
8) 2-Chlorophenol	6.37	128	707380	45.89	ng		92
9) Benzaldehyde	6.12	77	43369	3.29	ng		90
10) Phenol	6.27	94	821644	43.58	ng	#	61
11) bis(2-Chloroethyl)ether	6.32	93	702375	46.82	ng		99
12) 1,3-Dichlorobenzene	6.51	146	693112	42.12	ng	#	88
13) 1,4-Dichlorobenzene	6.59	146	701166m	41.86	ng		
14) 1,2-Dichlorobenzene	6.75	146	597863	41.14	ng		99
15) Benzyl Alcohol	6.74	79	518731	40.35	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	800718	35.84	ng	#	46
17) 2-Methylphenol	6.87	107	467717	37.73	ng	#	89
18) Hexachloroethane	7.08	117	221230	35.63	ng	#	87
19) n-Nitroso-di-n-propylamine	7.01	70	414880	37.69	ng		97
20) 3+4-Methylphenols	7.02	107	637993	43.15	ng	#	71
22) Acetophenone	7.00	105	850170	44.03	ng	#	92
24) Nitrobenzene	7.17	77	650928	43.41	ng		97
25) Isophorone	7.41	82	1193961	45.97	ng		96
26) 2-Nitrophenol	7.49	139	342196	46.28	ng	#	87
27) 2,4-Dimethylphenol	7.55	122	531978	43.38	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	701094	44.52	ng		99
29) 2,4-Dichlorophenol	7.74	162	496005	47.76	ng		93
30) 1,2,4-Trichlorobenzene	7.81	180	503165	44.22	ng		97
31) Naphthalene	7.89	128	1663990	46.45	ng		98
32) Benzoic acid	7.72	122	331204	36.41	ng		97
33) 4-Chloroaniline	7.95	127	265165	16.41	ng		98
34) Hexachlorobutadiene	8.00	225	269233	44.82	ng		99
35) Caprolactam	8.34	113	172815m	50.64	ng		
36) 4-Chloro-3-methylphenol	8.46	107	563205	47.13	ng		97
37) 2-Methylnaphthalene	8.58	142	1033049	49.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	469955	44.94	ng		98
40) Hexachlorocyclopentadiene	8.74	237	353400	76.09	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	323680	44.26	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	277769	36.91	ng	#	91
45) 1,1'-Biphenyl	9.04	154	1310947	46.26	ng		98
46) 2-Chloronaphthalene	9.07	162	1026644	45.74	ng		97
47) 2-Nitroaniline	9.17	65	304798	38.14	ng		100
48) Acenaphthylene	9.48	152	1532598	44.40	ng		99
49) Dimethylphthalate	9.36	163	1258758	47.55	ng		100
50) 2,6-Dinitrotoluene	9.42	165	294989	50.91	ng	#	86
51) Acenaphthene	9.65	154	1016076	43.42	ng		99
52) 3-Nitroaniline	9.58	138	143754	20.05	ng		96
53) 2,4-Dinitrophenol	9.71	184	208943	64.81	ng	#	89
54) Dibenzofuran	9.82	168	1332942	42.18	ng		100
55) 4-Nitrophenol	9.79	139	366527m	75.28	ng		
56) 2,4-Dinitrotoluene	9.82	165	327148	44.98	ng	#	54
57) Fluorene	10.16	166	1111615	48.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	280652	47.15	ng		96
59) Diethylphthalate	10.06	149	1265906	49.24	ng		95
60) 4-Chlorophenyl-phenylether	10.16	204	468814	46.57	ng	#	76
61) 4-Nitroaniline	10.21	138	303448	40.84	ng		87
62) Azobenzene	10.31	77	1290492	45.59	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	175125	44.20	ng		91
65) n-Nitrosodiphenylamine	10.28	169	963261	49.54	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	324408	47.59	ng		94
67) Hexachlorobenzene	10.71	284	349512	47.97	ng	#	92
68) Atrazine	10.82	200	293112	46.73	ng		96
69) Pentachlorophenol	10.92	266	283592	79.33	ng		100
70) Phenanthrene	11.11	178	1489765	41.93	ng		99
71) Anthracene	11.17	178	1712434	62.74	ng		99
72) Carbazole	11.33	167	1395973	50.42	ng		99
73) Di-n-butylphthalate	11.67	149	1954890	59.38	ng	#	97
74) Fluoranthene	12.30	202	1717439	56.03	ng		91
76) Benzidine	12.43	184	364134	29.98	ng		96
77) Pyrene	12.52	202	1569968	48.77	ng		99
79) Butylbenzylphthalate	13.16	149	836356	57.12	ng		85
80) Benzo(a)anthracene	13.71	228	1314989	53.10	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	235691	25.10	ng		99
82) Chrysene	13.74	228	1208771	48.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	963362	55.87	ng		99
84) Di-n-octyl phthalate	14.33	149	1692698	53.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	1078033	50.09	ng		99
87) Benzo(b)fluoranthene	14.71	252	1399221m	54.59	ng		
88) Benzo(k)fluoranthene	14.74	252	858731m	39.29	ng		
89) Benzo(a)pyrene	15.02	252	1068652	46.98	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	895165	47.87	ng		99
91) Benzo(g,h,i)perylene	16.68	276	902570	46.42	ng		99

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

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