Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092112.D
Acq On : 6 Jan 2017 13:02
Operator : UM/SJ
Sample : PB95751BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95751BSD

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:18 AM

Quant Time: Jan 06 16:09:33 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	188385	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	797430	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	428587	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	551090	20.00	ng		0.00
75) Chrysene-d12	13.79	240	419709	20.00	ng		0.00
86) Perylene-d12	15.15	264	352625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1626694	144.18	ng		0.02
7) Phenol-d6	6.31	99	1945686	141.25	ng		0.00
23) Nitrobenzene-d5	7.21	82	1257377	87.68	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	425820	120.05	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	2115437	104.02	ng		0.00
78) Terphenyl-d14	12.75	244	1821774	105.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	236648	42.60	ng		97
3) Pyridine	2.82	79	605586	31.24	ng		96
4) n-Nitrosodimethylamine	2.78	42	286761	39.21	ng		98
6) Aniline	6.31	93	218319	12.20	ng	#	87
8) 2-Chlorophenol	6.44	128	617789	48.14	ng		91
9) Benzaldehyde	6.18	77	50134	4.68	ng		92
10) Phenol	6.32	94	647245	41.23	ng	#	77
11) bis(2-Chloroethyl)ether	6.39	93	616128	49.33	ng		95
12) 1,3-Dichlorobenzene	6.58	146	632342	46.16	ng		97
13) 1,4-Dichlorobenzene	6.66	146	617852m	44.31	ng		
14) 1,2-Dichlorobenzene	6.81	146	569892	47.10	ng		99
15) Benzyl Alcohol	6.80	79	450758	42.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	857461	46.10	ng		85
17) 2-Methylphenol	6.93	107	492505	47.72	ng		94
18) Hexachloroethane	7.16	117	232754	45.02	ng		96
19) n-Nitroso-di-n-propylamine	7.08	70	472501	51.56	ng		93
20) 3+4-Methylphenols	7.09	107	683030	55.48	ng	#	73
22) Acetophenone	7.06	105	893217	45.41	ng	#	90
24) Nitrobenzene	7.24	77	708713	46.40	ng		93
25) Isophorone	7.48	82	1204314	45.52	ng		96
26) 2-Nitrophenol	7.56	139	337610	44.82	ng	#	81
27) 2,4-Dimethylphenol	7.61	122	556548	44.55	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	734669	45.79	ng		99
29) 2,4-Dichlorophenol	7.81	162	505061	47.74	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	512226	44.19	ng		97
31) Naphthalene	7.96	128	1718451	47.09	ng		99
32) Benzoic acid	7.76	122	424723	45.84	ng		98
33) 4-Chloroaniline	8.01	127	98795	6.00	ng		95
34) Hexachlorobutadiene	8.07	225	262442	42.89	ng		100
35) Caprolactam	8.39	113	174014m	50.06	ng		
36) 4-Chloro-3-methylphenol	8.52	107	542090	44.53	ng		100
37) 2-Methylnaphthalene	8.64	142	1054287	49.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	495529	45.76	ng		99
40) Hexachlorocyclopentadiene	8.80	237	451964	93.04	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	328929	43.44	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	351949	45.16	ng	#	86
45) 1,1'-Biphenyl	9.11	154	1417918	48.32	ng		98
46) 2-Chloronaphthalene	9.13	162	1071480	46.11	ng		99
47) 2-Nitroaniline	9.24	65	363217	43.90	ng		94
48) Acenaphthylene	9.54	152	1630034	45.61	ng		99
49) Dimethylphthalate	9.42	163	1150789	41.98	ng		98
50) 2,6-Dinitrotoluene	9.48	165	252736	42.12	ng	#	69
51) Acenaphthene	9.72	154	1027990	42.42	ng		99
52) 3-Nitroaniline	9.65	138	78385	10.56	ng		83
53) 2,4-Dinitrophenol	9.76	184	314357	94.16	ng	#	83
54) Dibenzofuran	9.89	168	1346847	41.16	ng		99
55) 4-Nitrophenol	9.84	139	424287	84.16	ng		92
56) 2,4-Dinitrotoluene	9.89	165	368485	48.93	ng		97
57) Fluorene	10.23	166	1133426	47.61	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	284755	46.20	ng		99
59) Diethylphthalate	10.12	149	1089378	40.92	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	448042	42.98	ng		99
61) 4-Nitroaniline	10.26	138	295996	38.47	ng		95
62) Azobenzene	10.38	77	1296475	44.23	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	189808	56.96	ng	#	37
65) n-Nitrosodiphenylamine	10.34	169	914144	55.90	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	326185	56.90	ng		92
67) Hexachlorobenzene	10.78	284	314458	51.32	ng	#	82
68) Atrazine	10.88	200	279247	52.94	ng		96
69) Pentachlorophenol	10.97	266	273562	90.99	ng		98
70) Phenanthrene	11.18	178	1227541	41.08	ng		99
71) Anthracene	11.24	178	1493903	68.42	ng		99
72) Carbazole	11.40	167	1349233	Below Cal			99
73) Di-n-butylphthalate	11.73	149	1784259	64.82	ng		100
74) Fluoranthene	12.37	202	1585782	61.93	ng		91
76) Benzidine	12.49	184	328682	27.91	ng		97
77) Pyrene	12.59	202	1519026	49.33	ng		100
79) Butylbenzylphthalate	13.23	149	734468	52.44	ng		86
80) Benzo(a)anthracene	13.77	228	1182525	49.91	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	172179	19.17	ng		98
82) Chrysene	13.81	228	1100844	46.32	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	835812	50.67	ng		99
84) Di-n-octyl phthalate	14.39	149	1349580	44.17	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	950274	46.16	ng		99
87) Benzo(b)fluoranthene	14.78	252	1001174m	45.60	ng		
88) Benzo(k)fluoranthene	14.80	252	867196m	46.32	ng		
89) Benzo(a)pyrene	15.10	252	905519	46.47	ng		97
90) Dibenzo(a,h)anthracene	16.44	278	778260	48.59	ng		96
91) Benzo(g,h,i)perylene	16.80	276	811577	48.73	ng		96

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

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