Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092111.D
Acq On : 6 Jan 2017 12:34
Operator : UM/SJ
Sample : PB95751BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:16 AM

Quant Time: Jan 06 16:03:40 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	161495	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	885329	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	466103	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	733440	20.00	ng		0.00
75) Chrysene-d12	13.79	240	496481	20.00	ng		0.00
86) Perylene-d12	15.15	264	450457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1480395	153.06	ng		0.01
7) Phenol-d6	6.31	99	1578275	133.66	ng		0.00
23) Nitrobenzene-d5	7.21	82	1354629	85.08	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	467087	121.09	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	2301297	104.05	ng		0.00
78) Terphenyl-d14	12.75	244	2105480	102.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	250673	52.64	ng		95
3) Pyridine	2.82	79	691085	41.58	ng		95
4) n-Nitrosodimethylamine	2.78	42	308501	49.21	ng		99
6) Aniline	6.31	93	173978	11.34	ng	#	84
8) 2-Chlorophenol	6.44	128	602413	54.76	ng		91
9) Benzaldehyde	6.18	77	45323	4.96	ng		96
10) Phenol	6.32	94	508932	37.82	ng		82
11) bis(2-Chloroethyl)ether	6.39	93	525014	49.04	ng		96
12) 1,3-Dichlorobenzene	6.58	146	611094	52.03	ng		99
13) 1,4-Dichlorobenzene	6.66	146	504384m	42.19	ng		
14) 1,2-Dichlorobenzene	6.81	146	494048	47.63	ng		99
15) Benzyl Alcohol	6.80	79	392615	42.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	921626	57.80	ng		85
17) 2-Methylphenol	6.93	107	537064	60.70	ng		95
18) Hexachloroethane	7.16	117	254464	57.42	ng		96
19) n-Nitroso-di-n-propylamine	7.08	70	513389	65.35	ng	#	91
20) 3+4-Methylphenols	7.09	107	733185	69.47	ng	#	72
22) Acetophenone	7.06	105	962931	44.10	ng	#	91
24) Nitrobenzene	7.24	77	768326	45.31	ng		90
25) Isophorone	7.48	82	1322881	45.04	ng		96
26) 2-Nitrophenol	7.56	139	375778	44.94	ng	#	81
27) 2,4-Dimethylphenol	7.61	122	602049	43.41	ng		92
28) bis(2-Chloroethoxy)methane	7.69	93	811719	45.57	ng		100
29) 2,4-Dichlorophenol	7.81	162	540590	46.03	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	564095	43.83	ng		97
31) Naphthalene	7.96	128	1899991	46.89	ng		98
32) Benzoic acid	7.76	122	469811	45.67	ng		98
33) 4-Chloroaniline	8.01	127	112718	6.17	ng		95
34) Hexachlorobutadiene	8.07	225	284278	41.84	ng		100
35) Caprolactam	8.39	113	188686m	48.89	ng		
36) 4-Chloro-3-methylphenol	8.52	107	589658	43.63	ng		99
37) 2-Methylnaphthalene	8.64	142	1152923	48.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	528451	44.87	ng		99
40) Hexachlorocyclopentadiene	8.80	237	475263	90.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	349136	42.39	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	377647	44.56	ng	#	86
45) 1,1'-Biphenyl	9.11	154	1510788	47.34	ng		97
46) 2-Chloronaphthalene	9.13	162	1175244	46.50	ng		99
47) 2-Nitroaniline	9.24	65	391227	43.48	ng		96
48) Acenaphthylene	9.54	152	1777300	45.72	ng		99
49) Dimethylphthalate	9.42	163	1244069	41.73	ng		98
50) 2,6-Dinitrotoluene	9.48	165	278388	42.66	ng	#	63
51) Acenaphthene	9.72	154	1123394	42.63	ng		100
52) 3-Nitroaniline	9.65	138	85399	10.58	ng		81
53) 2,4-Dinitrophenol	9.76	184	335731	92.47	ng	#	82
54) Dibenzofuran	9.89	168	1455417	40.90	ng		98
55) 4-Nitrophenol	9.84	139	458452	83.62	ng		95
56) 2,4-Dinitrotoluene	9.89	165	386800	47.23	ng		97
57) Fluorene	10.23	166	1252751	48.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	306958	45.79	ng		99
59) Diethylphthalate	10.12	149	1211290	41.84	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	481230	42.45	ng		99
61) 4-Nitroaniline	10.26	138	320236	38.27	ng		94
62) Azobenzene	10.38	77	1450007	45.49	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	207062	46.69	ng	#	31
65) n-Nitrosodiphenylamine	10.34	169	1007034	46.27	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	362932	47.57	ng		91
67) Hexachlorobenzene	10.78	284	363878	44.62	ng	#	83
68) Atrazine	10.88	200	364337	51.90	ng		98
69) Pentachlorophenol	10.97	266	341414	85.32	ng		100
70) Phenanthrene	11.18	178	1653190	41.57	ng		99
71) Anthracene	11.24	178	1909435	62.22	ng		99
72) Carbazole	11.40	167	1658530	58.42	ng		99
73) Di-n-butylphthalate	11.74	149	2023583	54.57	ng	#	96
74) Fluoranthene	12.37	202	1899016	55.30	ng		92
76) Benzidine	12.49	184	414149	30.17	ng		97
77) Pyrene	12.59	202	1761865	48.37	ng		100
79) Butylbenzylphthalate	13.23	149	886476	53.51	ng		85
80) Benzo(a)anthracene	13.77	228	1425131	50.85	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	210453	19.80	ng		98
82) Chrysene	13.81	228	1304909	46.42	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	969779	49.70	ng		99
84) Di-n-octyl phthalate	14.39	149	1704533	47.16	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	1154673	47.41	ng		98
87) Benzo(b)fluoranthene	14.78	252	1212562m	43.24	ng		
88) Benzo(k)fluoranthene	14.80	252	1088251m	45.50	ng		
89) Benzo(a)pyrene	15.10	252	1130471	45.42	ng		98
90) Dibenzo(a,h)anthracene	16.44	278	950423	46.45	ng		98
91) Benzo(g,h,i)perylene	16.80	276	1001660	47.08	ng	#	94

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

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