Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092061.D
Acq On : 3 Jan 2017 15:27
Operator : UM/SJ
Sample : PB95723BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95723BS

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:40 PM

Quant Time: Jan 04 12:28:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	252412	20.00	ng		-0.04
21) Naphthalene-d8	7.96	136	976018	20.00	ng		-0.04
38) Acenaphthene-d10	9.72	164	553928	20.00	ng		-0.04
63) Phenanthrene-d10	11.19	188	882303	20.00	ng		-0.04
75) Chrysene-d12	13.83	240	691375	20.00	ng		-0.04
86) Perylene-d12	15.20	264	732041	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1826717	120.84	ng		-0.04
7) Phenol-d6	6.34	99	2350876	127.38	ng		-0.04
23) Nitrobenzene-d5	7.25	82	1405049	80.05	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	576114	125.67	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	2268668	83.72	ng		-0.04
78) Terphenyl-d14	12.78	244	2411303	84.59	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	238430	32.04	ng		99
3) Pyridine	2.87	79	695076	26.76	ng		95
4) n-Nitrosodimethylamine	2.84	42	346402	35.35	ng		97
6) Aniline	6.33	93	375929	15.68	ng	#	75
8) 2-Chlorophenol	6.46	128	635833	36.98	ng		94
9) Benzaldehyde	6.22	77	57728	3.98	ng		97
10) Phenol	6.36	94	836081	39.75	ng	#	65
11) bis(2-Chloroethyl)ether	6.41	93	636881	38.06	ng		96
12) 1,3-Dichlorobenzene	6.61	146	678912m	36.98	ng		
13) 1,4-Dichlorobenzene	6.69	146	717554	38.40	ng		96
14) 1,2-Dichlorobenzene	6.85	146	601261m	37.09	ng		
15) Benzyl Alcohol	6.82	79	508452	35.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	873360	35.05	ng		69
17) 2-Methylphenol	6.95	107	517054	37.39	ng		95
18) Hexachloroethane	7.18	117	224531	32.41	ng	#	89
19) n-Nitroso-di-n-propylamine	7.10	70	438339	35.70	ng		98
20) 3+4-Methylphenols	7.11	107	655911	39.77	ng	#	73
22) Acetophenone	7.09	105	870142	36.14	ng		93
24) Nitrobenzene	7.26	77	590903	31.61	ng		99
25) Isophorone	7.51	82	1215630	37.54	ng		98
26) 2-Nitrophenol	7.58	139	335158	36.35	ng		97
27) 2,4-Dimethylphenol	7.64	122	613425	40.12	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	782649	39.86	ng		99
29) 2,4-Dichlorophenol	7.83	162	563300	43.50	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	545059	38.42	ng		96
31) Naphthalene	7.98	128	1760520	39.41	ng		100
32) Benzoic acid	7.78	122	443805	39.13	ng		98
33) 4-Chloroaniline	8.04	127	209998	10.43	ng		98
34) Hexachlorobutadiene	8.10	225	307158	41.01	ng		98
35) Caprolactam	8.42	113	203208m	47.76	ng		
36) 4-Chloro-3-methylphenol	8.55	107	649711	43.61	ng		90
37) 2-Methylnaphthalene	8.68	142	1324365	51.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	495014	35.37	ng		99
40) Hexachlorocyclopentadiene	8.82	237	505727	81.08	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	375579	38.37	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	369165	36.65	ng	#	81
45) 1,1'-Biphenyl	9.14	154	1598391	42.14	ng		98
46) 2-Chloronaphthalene	9.17	162	1238897	41.25	ng		96
47) 2-Nitroaniline	9.27	65	436043	40.77	ng	#	84
48) Acenaphthylene	9.58	152	1840941	39.85	ng		99
49) Dimethylphthalate	9.45	163	1312335	37.04	ng		99
50) 2,6-Dinitrotoluene	9.51	165	292793	37.76	ng	#	72
51) Acenaphthene	9.75	154	1167721	37.29	ng		99
52) 3-Nitroaniline	9.68	138	173079	18.04	ng		87
53) 2,4-Dinitrophenol	9.80	184	337266	78.17	ng	#	83
54) Dibenzofuran	9.92	168	1509501	35.69	ng		100
55) 4-Nitrophenol	9.88	139	487554	74.83	ng		99
56) 2,4-Dinitrotoluene	9.92	165	418594	43.01	ng		97
57) Fluorene	10.26	166	1275772	41.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	341617	42.88	ng		99
59) Diethylphthalate	10.15	149	1287652	37.42	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	520467	38.63	ng		98
61) 4-Nitroaniline	10.30	138	329362	33.12	ng		97
62) Azobenzene	10.41	77	1496832	39.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	244568	45.84	ng		94
65) n-Nitrosodiphenylamine	10.38	169	1080644	41.28	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	355063	38.69	ng		100
67) Hexachlorobenzene	10.81	284	400252	40.80	ng		92
68) Atrazine	10.92	200	323389	38.29	ng		98
69) Pentachlorophenol	11.01	266	388068	80.62	ng		99
70) Phenanthrene	11.22	178	2047042	42.79	ng		99
71) Anthracene	11.27	178	1778459	40.53	ng		100
72) Carbazole	11.43	167	1587096	37.50	ng		99
73) Di-n-butylphthalate	11.77	149	2183686	48.49	ng		98
74) Fluoranthene	12.40	202	1911850	45.60	ng		99
76) Benzidine	12.53	184	581072	30.45	ng		98
77) Pyrene	12.63	202	2078194	40.97	ng		99
79) Butylbenzylphthalate	13.26	149	879793	38.13	ng		99
80) Benzo(a)anthracene	13.82	228	1772368	45.41	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	412395	27.87	ng		99
82) Chrysene	13.85	228	1428179	36.48	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1155469	42.53	ng	#	94
84) Di-n-octyl phthalate	14.44	149	2051438	40.76	ng		99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1472573	43.42	ng		99
87) Benzo(b)fluoranthene	14.83	252	1616515m	35.47	ng		
88) Benzo(k)fluoranthene	14.86	252	1659162m	42.69	ng		
89) Benzo(a)pyrene	15.16	252	1530152	37.83	ng		99
90) Dibenzo(a,h)anthracene	16.52	278	1210527	36.41	ng		99
91) Benzo(g,h,i)perylene	16.89	276	1209554	34.99	ng	#	93

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

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