Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092205.D
Acq On : 12 Jan 2017 13:00
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/13/2017 11:06:54 AM

Quant Time: Jan 12 16:16:11 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	6.60	152	234554	20.00	ng		-0.05
21) Naphthalene-d8	7.89	136	1010837	20.00	ng		-0.05
38) Acenaphthene-d10	9.64	164	476739	20.00	ng		-0.05
63) Phenanthrene-d10	11.11	188	907593	20.00	ng		-0.05
75) Chrysene-d12	13.74	240	572339	20.00	ng		-0.05
86) Perylene-d12	15.10	264	561174	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1016762	72.38	ng		-0.05
7) Phenol-d6	6.26	99	1150147	67.06	ng		-0.05
23) Nitrobenzene-d5	7.18	82	1328156	73.06	ng		-0.03
41) 2,4,6-Tribromophenol	10.42	330	311782	79.02	ng		-0.05
44) 2-Fluorobiphenyl	8.97	172	2099694	91.18	ng		-0.03
78) Terphenyl-d14	12.70	244	2085306	88.36	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	238506	34.49	ng		100
3) Pyridine	2.68	79	711748	29.49	ng		96
4) n-Nitrosodimethylamine	2.64	42	288509	31.69	ng		98
6) Aniline	6.26	93	782990	35.15	ng	#	51
8) 2-Chlorophenol	6.39	128	582677	36.47	ng		94
9) Benzaldehyde	6.14	77	336272	32.03	ng		96
10) Phenol	6.28	94	658583	33.70	ng		85
11) bis(2-Chloroethyl)ether	6.34	93	517210	33.26	ng		96
12) 1,3-Dichlorobenzene	6.54	146	731583	42.89	ng		98
13) 1,4-Dichlorobenzene	6.62	146	727230	41.89	ng		94
14) 1,2-Dichlorobenzene	6.77	146	563363	37.39	ng		99
15) Benzyl Alcohol	6.76	79	461075	34.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	901584	38.93	ng	#	45
17) 2-Methylphenol	6.89	107	480635	37.40	ng	#	92
18) Hexachloroethane	7.11	117	254351	39.51	ng		99
19) n-Nitroso-di-n-propylamine	7.03	70	416020	36.46	ng		99
20) 3+4-Methylphenols	7.04	107	658220	42.94	ng	#	70
22) Acetophenone	7.02	105	912703	36.61	ng	#	93
24) Nitrobenzene	7.19	77	632541	32.67	ng		99
25) Isophorone	7.44	82	1224371	36.51	ng		99
26) 2-Nitrophenol	7.51	139	357205	37.41	ng		94
27) 2,4-Dimethylphenol	7.57	122	546994	34.54	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	727180	35.75	ng		98
29) 2,4-Dichlorophenol	7.76	162	512418	38.21	ng		91
30) 1,2,4-Trichlorobenzene	7.83	180	552037	37.57	ng		94
31) Naphthalene	7.91	128	1898617	41.04	ng		99
32) Benzoic acid	7.74	122	502173	42.75	ng		89
33) 4-Chloroaniline	7.97	127	734448	35.21	ng		98
34) Hexachlorobutadiene	8.04	225	305264	39.35	ng		98
35) Caprolactam	8.36	113	154612	35.09	ng	#	65
36) 4-Chloro-3-methylphenol	8.47	107	515976	33.44	ng		99
37) 2-Methylnaphthalene	8.60	142	1111202	37.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	476995	39.60	ng		99
40) Hexachlorocyclopentadiene	8.76	237	229585	44.65	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	351448	41.72	ng		98
43) 2,4,5-Trichlorophenol	8.94	196	344195	39.70	ng	#	91
45) 1,1'-Biphenyl	9.06	154	1297172	39.74	ng		98
46) 2-Chloronaphthalene	9.09	162	1026140	39.70	ng		97
47) 2-Nitroaniline	9.19	65	326435	35.47	ng		100
48) Acenaphthylene	9.50	152	1576822	39.66	ng		99
49) Dimethylphthalate	9.37	163	1185247	38.87	ng		98
50) 2,6-Dinitrotoluene	9.44	165	300323	45.00	ng	#	87
51) Acenaphthene	9.67	154	1037318	38.49	ng		99
52) 3-Nitroaniline	9.60	138	307163	37.19	ng		97
53) 2,4-Dinitrophenol	9.72	184	151970	40.92	ng	#	55
54) Dibenzofuran	9.84	168	1339328	36.79	ng		97
55) 4-Nitrophenol	9.80	139	202013	36.02	ng		94
56) 2,4-Dinitrotoluene	9.84	165	311263	37.16	ng	#	83
57) Fluorene	10.18	166	1151709	43.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	274448	40.03	ng		97
59) Diethylphthalate	10.07	149	1141238	38.54	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	465429	40.14	ng		98
61) 4-Nitroaniline	10.22	138	345883	40.41	ng		95
62) Azobenzene	10.33	77	1284000	39.38	ng		98
64) 4,6-Dinitro-2-methylphenol	10.25	198	218589	39.83	ng		78
65) n-Nitrosodiphenylamine	10.30	169	905318	33.62	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	347325	36.79	ng		92
67) Hexachlorobenzene	10.73	284	387268	38.38	ng	#	88
68) Atrazine	10.84	200	314958	36.25	ng		98
69) Pentachlorophenol	10.93	266	174274	35.20	ng		98
70) Phenanthrene	11.13	178	1684795	34.23	ng		99
71) Anthracene	11.19	178	1993588	46.05	ng		99
72) Carbazole	11.35	167	1715577	40.54	ng		99
73) Di-n-butylphthalate	11.69	149	2202436	47.45	ng	#	97
74) Fluoranthene	12.32	202	1938285	44.88	ng		93
76) Benzidine	12.45	184	731938	52.07	ng		96
77) Pyrene	12.54	202	1789181	42.61	ng		99
79) Butylbenzylphthalate	13.18	149	959800	50.25	ng	#	83
80) Benzo(a)anthracene	13.73	228	1467328	45.42	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	581551	47.47	ng	#	94
82) Chrysene	13.76	228	1388230	42.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	1062651	47.25	ng	#	98
84) Di-n-octyl phthalate	14.35	149	1956825	46.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.35	276	1236846	44.06	ng		96
87) Benzo(b)fluoranthene	14.73	252	1483661m	42.47	ng		
88) Benzo(k)fluoranthene	14.76	252	1004120m	33.70	ng		
89) Benzo(a)pyrene	15.04	252	1172688	37.82	ng		98
90) Dibenzo(a,h)anthracene	16.36	278	1038970	40.76	ng		99
91) Benzo(g,h,i)perylene	16.71	276	1112254	41.97	ng	#	91

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

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