Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011117\
Data File : BF092200.D
Acq On : 11 Jan 2017 16:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/12/2017 8:31:39 AM

Quant Time: Jan 11 23:48:17 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	6.61	152	213533	20.00	ng		-0.03
21) Naphthalene-d8	7.90	136	887564	20.00	ng		-0.03
38) Acenaphthene-d10	9.65	164	445704	20.00	ng		-0.03
63) Phenanthrene-d10	11.12	188	721290	20.00	ng		-0.03
75) Chrysene-d12	13.76	240	543478	20.00	ng		-0.02
86) Perylene-d12	15.11	264	489764	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1105943	86.48	ng		-0.03
7) Phenol-d6	6.29	99	1290383	82.65	ng		-0.02
23) Nitrobenzene-d5	7.19	82	1326746	83.12	ng		-0.02
41) 2,4,6-Tribromophenol	10.44	330	295061	79.99	ng		-0.03
44) 2-Fluorobiphenyl	8.98	172	2184906	103.20	ng		-0.02
78) Terphenyl-d14	12.71	244	1626741	72.59	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	281974	44.79	ng		98
3) Pyridine	2.69	79	930926	42.37	ng		98
4) n-Nitrosodimethylamine	2.65	42	366407	44.20	ng		100
6) Aniline	6.28	93	831547	41.00	ng	#	50
8) 2-Chlorophenol	6.40	128	600841	41.30	ng		96
9) Benzaldehyde	6.15	77	335356	36.46	ng		99
10) Phenol	6.30	94	809391	45.49	ng	#	67
11) bis(2-Chloroethyl)ether	6.36	93	591724	41.80	ng		99
12) 1,3-Dichlorobenzene	6.55	146	674482	43.43	ng		97
13) 1,4-Dichlorobenzene	6.63	146	676400	42.79	ng		93
14) 1,2-Dichlorobenzene	6.78	146	535671	39.06	ng		98
15) Benzyl Alcohol	6.77	79	489909	40.38	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	875734	41.54	ng	#	28
17) 2-Methylphenol	6.90	107	485220	41.47	ng	#	91
18) Hexachloroethane	7.12	117	250040	42.67	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	415141	39.97	ng		99
20) 3+4-Methylphenols	7.06	107	662219	47.46	ng	#	72
22) Acetophenone	7.03	105	911729	41.65	ng	#	94
24) Nitrobenzene	7.20	77	598912	35.23	ng		99
25) Isophorone	7.45	82	1187758	40.33	ng		100
26) 2-Nitrophenol	7.52	139	346008	41.27	ng		95
27) 2,4-Dimethylphenol	7.58	122	488486	35.13	ng		100
28) bis(2-Chloroethoxy)methane	7.66	93	668904	37.46	ng		99
29) 2,4-Dichlorophenol	7.77	162	471709	40.06	ng		88
30) 1,2,4-Trichlorobenzene	7.84	180	513085	39.77	ng		94
31) Naphthalene	7.92	128	1730620	42.60	ng		99
32) Benzoic acid	7.76	122	437079	42.38	ng		99
33) 4-Chloroaniline	7.98	127	716112	39.10	ng		98
34) Hexachlorobutadiene	8.04	225	287496	42.21	ng		99
35) Caprolactam	8.38	113	158954	41.08	ng		85
36) 4-Chloro-3-methylphenol	8.49	107	533336	39.36	ng	#	84
37) 2-Methylnaphthalene	8.61	142	1029726	40.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	447139	39.71	ng		97
40) Hexachlorocyclopentadiene	8.77	237	159864	34.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	324731	41.23	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	320595	39.56	ng		98
45) 1,1'-Biphenyl	9.08	154	1230328	40.32	ng		98
46) 2-Chloronaphthalene	9.10	162	945336	39.12	ng		95
47) 2-Nitroaniline	9.20	65	337809	39.26	ng		97
48) Acenaphthylene	9.51	152	1475561	39.70	ng		99
49) Dimethylphthalate	9.40	163	1241209	43.54	ng		100
50) 2,6-Dinitrotoluene	9.45	165	272222	43.63	ng	#	85
51) Acenaphthene	9.68	154	942545	37.40	ng		99
52) 3-Nitroaniline	9.62	138	358304	46.40	ng		89
53) 2,4-Dinitrophenol	9.74	184	163613	47.13	ng		96
54) Dibenzofuran	9.85	168	1232675	36.22	ng		99
55) 4-Nitrophenol	9.82	139	195087m	37.21	ng		
56) 2,4-Dinitrotoluene	9.85	165	287301	36.69	ng	#	66
57) Fluorene	10.20	166	1043919	42.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	246908	38.52	ng		98
59) Diethylphthalate	10.08	149	1115404	40.29	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	458619	42.30	ng	#	78
61) 4-Nitroaniline	10.24	138	351779	43.96	ng		84
62) Azobenzene	10.34	77	1254739	41.16	ng		98
64) 4,6-Dinitro-2-methylphenol	10.26	198	197115	45.19	ng	#	43
65) n-Nitrosodiphenylamine	10.31	169	909370	42.49	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	305529	40.72	ng		98
67) Hexachlorobenzene	10.74	284	336486	41.96	ng		97
68) Atrazine	10.85	200	225109	32.61	ng		96
69) Pentachlorophenol	10.95	266	146115	37.13	ng		97
70) Phenanthrene	11.16	178	1589018	40.63	ng		98
71) Anthracene	11.20	178	1569927	45.41	ng		99
72) Carbazole	11.36	167	1323485	38.66	ng		99
73) Di-n-butylphthalate	11.71	149	1892593	51.68	ng	#	97
74) Fluoranthene	12.33	202	1603318	46.89	ng		96
76) Benzidine	12.46	184	533460	36.94	ng		98
77) Pyrene	12.56	202	1763254	44.22	ng		99
79) Butylbenzylphthalate	13.19	149	783315	43.19	ng		94
80) Benzo(a)anthracene	13.75	228	1286990	41.95	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	474706	40.81	ng	#	97
82) Chrysene	13.79	228	1276044	41.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	932306	43.65	ng		100
84) Di-n-octyl phthalate	14.37	149	1765141	44.62	ng		99
85) Indeno(1,2,3-cd)pyrene	16.38	276	1080575	40.53	ng		99
87) Benzo(b)fluoranthene	14.75	252	1181163m	38.74	ng		
88) Benzo(k)fluoranthene	14.78	252	1228284m	47.24	ng		
89) Benzo(a)pyrene	15.07	252	1082513	40.00	ng		99
90) Dibenzo(a,h)anthracene	16.39	278	904911	40.68	ng		96
91) Benzo(g,h,i)perylene	16.76	276	939379	40.61	ng		99

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

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