Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088654.D
Acq On : 3 Jul 2016 17:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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umangi
7/5/2016 7:51:37 PM

Quant Time: Jul 04 06:05:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106558	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	418249	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	198890	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	396358	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	259157	20.00	ng		-0.02
86) Perylene-d12	15.31	264	247252	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	492098	69.21	ng		-0.03
7) Phenol-d6	6.42	99	671751	73.12	ng		-0.02
23) Nitrobenzene-d5	7.35	82	633824	79.41	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	149835	81.13	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1101684	87.50	ng		-0.02
78) Terphenyl-d14	12.88	244	832882	71.58	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	122287	34.69	ng	#	35
3) Pyridine	3.00	79	358836	35.08	ng		93
4) n-Nitrosodimethylamine	2.96	42	130440	33.38	ng		89
6) Aniline	6.44	93	467015	34.88	ng		96
8) 2-Chlorophenol	6.57	128	302255	39.55	ng		92
9) Benzaldehyde	6.33	77	210859	33.88	ng		95
10) Phenol	6.43	94	396597	37.82	ng		74
11) bis(2-Chloroethyl)ether	6.52	93	297299	38.02	ng		90
12) 1,3-Dichlorobenzene	6.73	146	315171m	37.48	ng		
13) 1,4-Dichlorobenzene	6.80	146	302524	36.25	ng		94
14) 1,2-Dichlorobenzene	6.96	146	315461m	40.38	ng		
15) Benzyl Alcohol	6.92	79	236763	35.02	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	387744	34.24	ng		91
17) 2-Methylphenol	7.05	107	250325	40.16	ng		97
18) Hexachloroethane	7.30	117	125593	38.90	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	233211	37.79	ng	#	88
20) 3+4-Methylphenols	7.20	107	263877	35.27	ng	#	70
22) Acetophenone	7.20	105	390057	38.42	ng	#	86
24) Nitrobenzene	7.37	77	335157	41.65	ng	#	84
25) Isophorone	7.61	82	565496	38.25	ng		95
26) 2-Nitrophenol	7.69	139	156520	47.43	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	270589	39.37	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	378294	39.32	ng	#	95
29) 2,4-Dichlorophenol	7.93	162	237344	42.73	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	241348	39.59	ng		98
31) Naphthalene	8.09	128	807098	39.14	ng		100
32) Benzoic acid	7.86	122	207651	41.61	ng		97
33) 4-Chloroaniline	8.15	127	381323	41.57	ng	#	92
34) Hexachlorobutadiene	8.22	225	136721	41.89	ng		99
35) Caprolactam	8.51	113	76687	40.65	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	289090	44.01	ng		96
37) 2-Methylnaphthalene	8.79	142	554161	41.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	248409	37.55	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	124014	38.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	180301	41.34	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	158992	42.37	ng	#	87
45) 1,1'-Biphenyl	9.24	154	611475	37.13	ng		98
46) 2-Chloronaphthalene	9.27	162	489708	37.88	ng		97
47) 2-Nitroaniline	9.36	65	167248	36.45	ng		96
48) Acenaphthylene	9.68	152	769802	37.42	ng		99
49) Dimethylphthalate	9.55	163	616541	43.51	ng		100
50) 2,6-Dinitrotoluene	9.61	165	144707	46.08	ng	#	81
51) Acenaphthene	9.85	154	492190	39.03	ng		98
52) 3-Nitroaniline	9.77	138	143620	35.98	ng		89
53) 2,4-Dinitrophenol	9.87	184	58222	41.99	ng	#	85
54) Dibenzofuran	10.02	168	616905	37.38	ng	#	87
55) 4-Nitrophenol	9.93	139	113776	37.50	ng		93
56) 2,4-Dinitrotoluene	10.01	165	189998	46.27	ng	#	84
57) Fluorene	10.36	166	466383	36.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	124300	42.81	ng	#	55
59) Diethylphthalate	10.25	149	607974	42.75	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	244868	41.43	ng		94
61) 4-Nitroaniline	10.39	138	178665	46.51	ng		91
62) Azobenzene	10.52	77	654616	40.36	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	77851	36.72	ng		83
65) n-Nitrosodiphenylamine	10.48	169	464628	34.64	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	144201	36.10	ng	#	71
67) Hexachlorobenzene	10.91	284	171412	38.77	ng	#	90
68) Atrazine	11.00	200	146630	35.08	ng		91
69) Pentachlorophenol	11.11	266	108643	41.52	ng		98
70) Phenanthrene	11.32	178	847146	39.10	ng		99
71) Anthracene	11.37	178	749327	34.78	ng		100
72) Carbazole	11.53	167	811832	40.04	ng		99
73) Di-n-butylphthalate	11.87	149	879748	37.30	ng		98
74) Fluoranthene	12.50	202	782771	35.64	ng		99
76) Benzidine	12.63	184	485794	37.09	ng		99
77) Pyrene	12.73	202	842409	38.34	ng		99
79) Butylbenzylphthalate	13.36	149	403752	41.19	ng		89
80) Benzo(a)anthracene	13.91	228	653051	39.13	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	266468	42.47	ng		99
82) Chrysene	13.95	228	691155	41.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	464798	41.54	ng		99
84) Di-n-octyl phthalate	14.53	149	819659	43.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	505167	39.77	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	617642m	39.82	ng		
88) Benzo(k)fluoranthene	14.95	252	492079m	36.44	ng		
89) Benzo(a)pyrene	15.26	252	502365	38.25	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	436766	39.83	ng		99
91) Benzo(g,h,i)perylene	17.05	276	440581	38.83	ng		97

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

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