Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090216.D
Acq On : 26 Sep 2016 12:24
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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9/27/2016 1:07:05 PM

Quant Time: Sep 26 15:56:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	127882	20.00	ng		-0.05
21) Naphthalene-d8	7.77	136	516961	20.00	ng		-0.05
38) Acenaphthene-d10	9.51	164	265561	20.00	ng		-0.05
63) Phenanthrene-d10	10.98	188	446823	20.00	ng		-0.05
75) Chrysene-d12	13.60	240	357571	20.00	ng		-0.03
86) Perylene-d12	14.91	264	310557	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	585504	74.63	ng		-0.04
7) Phenol-d6	6.14	99	727975	75.13	ng		-0.03
23) Nitrobenzene-d5	7.06	82	682564	76.54	ng		-0.03
41) 2,4,6-Tribromophenol	10.30	330	180192	79.09	ng		-0.05
44) 2-Fluorobiphenyl	8.86	172	1265925	93.58	ng		-0.03
78) Terphenyl-d14	12.56	244	1058984	75.19	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	158437	37.22	ng		90
3) Pyridine	2.42	79	361959	39.21	ng		99
4) n-Nitrosodimethylamine	2.38	42	102205	37.10	ng		94
6) Aniline	6.14	93	462263	38.28	ng	#	70
8) 2-Chlorophenol	6.26	128	343832	38.09	ng		90
9) Benzaldehyde	6.01	77	178411	42.25	ng		93
10) Phenol	6.15	94	393813	34.38	ng		92
11) bis(2-Chloroethyl)ether	6.23	93	325098	36.40	ng		97
12) 1,3-Dichlorobenzene	6.42	146	350970	37.22	ng	#	94
13) 1,4-Dichlorobenzene	6.50	146	364905	37.90	ng		96
14) 1,2-Dichlorobenzene	6.65	146	341713m	39.84	ng		
15) Benzyl Alcohol	6.64	79	228869	39.61	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.78	45	406782	38.11	ng		95
17) 2-Methylphenol	6.76	107	262744	36.95	ng		98
18) Hexachloroethane	6.99	117	134117	39.05	ng	#	91
19) n-Nitroso-di-n-propylamine	6.91	70	225126	39.55	ng		94
20) 3+4-Methylphenols	6.92	107	344474	40.35	ng		97
22) Acetophenone	6.90	105	447677	35.91	ng	#	95
24) Nitrobenzene	7.07	77	343147	36.93	ng		96
25) Isophorone	7.32	82	702741	37.72	ng		98
26) 2-Nitrophenol	7.39	139	188594	41.22	ng		95
27) 2,4-Dimethylphenol	7.45	122	305142	37.54	ng		98
28) bis(2-Chloroethoxy)methane	7.54	93	405641	35.99	ng		100
29) 2,4-Dichlorophenol	7.64	162	275329	38.61	ng		99
30) 1,2,4-Trichlorobenzene	7.71	180	261931	36.78	ng		100
31) Naphthalene	7.79	128	1029427	41.82	ng		99
32) Benzoic acid	7.60	122	211597	37.92	ng		98
33) 4-Chloroaniline	7.85	127	377968	37.02	ng		99
34) Hexachlorobutadiene	7.92	225	150173	39.97	ng		99
35) Caprolactam	8.24	113	93759	39.73	ng	#	76
36) 4-Chloro-3-methylphenol	8.35	107	336506	41.76	ng		90
37) 2-Methylnaphthalene	8.48	142	552453	36.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	256123	42.02	ng		99
40) Hexachlorocyclopentadiene	8.64	237	120547	40.08	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	174645	40.21	ng		98
43) 2,4,5-Trichlorophenol	8.81	196	196324	43.65	ng		99
45) 1,1'-Biphenyl	8.95	154	759573	39.98	ng		98
46) 2-Chloronaphthalene	8.97	162	603722	43.07	ng		94
47) 2-Nitroaniline	9.07	65	177935	42.11	ng		88
48) Acenaphthylene	9.37	152	876368	38.50	ng		99
49) Dimethylphthalate	9.27	163	699856	41.38	ng		99
50) 2,6-Dinitrotoluene	9.31	165	144223	38.26	ng		98
51) Acenaphthene	9.54	154	516927	38.26	ng		99
52) 3-Nitroaniline	9.48	138	182796	41.36	ng		83
53) 2,4-Dinitrophenol	9.59	184	75869	37.71	ng		96
54) Dibenzofuran	9.71	168	706793	39.75	ng		94
55) 4-Nitrophenol	9.66	139	113747	37.57	ng	#	82
56) 2,4-Dinitrotoluene	9.71	165	170731	38.30	ng		98
57) Fluorene	10.06	166	567222	42.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	130588	38.78	ng		98
59) Diethylphthalate	9.95	149	625064	38.27	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	237639	38.89	ng		96
61) 4-Nitroaniline	10.09	138	182427	40.50	ng		90
62) Azobenzene	10.22	77	707995	41.64	ng		97
64) 4,6-Dinitro-2-methylphenol	10.12	198	110054	39.32	ng		97
65) n-Nitrosodiphenylamine	10.18	169	571111	38.87	ng		100
66) 4-Bromophenyl-phenylether	10.55	248	160784	36.57	ng	#	90
67) Hexachlorobenzene	10.60	284	207617	40.51	ng	#	86
68) Atrazine	10.72	200	165824	41.19	ng		98
69) Pentachlorophenol	10.80	266	114184	39.26	ng		98
70) Phenanthrene	11.00	178	813305	38.92	ng		99
71) Anthracene	11.06	178	886196	40.43	ng		98
72) Carbazole	11.22	167	911172	39.33	ng		98
73) Di-n-butylphthalate	11.57	149	998758	37.07	ng		99
74) Fluoranthene	12.18	202	912347	40.67	ng		95
76) Benzidine	12.32	184	403110	33.68	ng		97
77) Pyrene	12.40	202	836526	34.19	ng		100
79) Butylbenzylphthalate	13.05	149	496705	41.50	ng		97
80) Benzo(a)anthracene	13.59	228	755025	39.25	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	325886	41.08	ng	#	98
82) Chrysene	13.62	228	694384	37.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	585649	38.24	ng		98
84) Di-n-octyl phthalate	14.22	149	1060454	40.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.06	276	605802	39.98	ng		97
87) Benzo(b)fluoranthene	14.57	252	632937m	36.81	ng		
88) Benzo(k)fluoranthene	14.59	252	642748m	39.83	ng		
89) Benzo(a)pyrene	14.87	252	625627	38.68	ng		100
90) Dibenzo(a,h)anthracene	16.08	278	507518	40.21	ng		97
91) Benzo(g,h,i)perylene	16.40	276	487903	39.49	ng		96

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

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