Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090311.D
Acq On : 30 Sep 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 30 14:51:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	132779m	20.00	ng		-0.02
21) Naphthalene-d8	7.75	136	538689m	20.00	ng		-0.02
38) Acenaphthene-d10	9.48	164	301672	20.00	ng		-0.02
63) Phenanthrene-d10	10.95	188	477052	20.00	ng		-0.03
75) Chrysene-d12	13.57	240	395784	20.00	ng		-0.03
86) Perylene-d12	14.88	264	367216	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	615840	75.60	ng		-0.03
7) Phenol-d6	6.11	99	764168	75.96	ng		-0.02
23) Nitrobenzene-d5	7.03	82	701946	75.54	ng		-0.03
41) 2,4,6-Tribromophenol	10.27	330	210963	81.51	ng		-0.02
44) 2-Fluorobiphenyl	8.82	172	1132581	73.70	ng		-0.03
78) Terphenyl-d14	12.54	244	1057266	67.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	166851	37.75	ng		89
3) Pyridine	2.38	79	356626	37.21	ng		97
4) n-Nitrosodimethylamine	2.33	42	118613	41.47	ng		89
6) Aniline	6.11	93	510461m	40.71	ng		
8) 2-Chlorophenol	6.24	128	357164	38.11	ng	#	80
9) Benzaldehyde	5.99	77	199379	45.48	ng		97
10) Phenol	6.12	94	445977m	37.50	ng		
11) bis(2-Chloroethyl)ether	6.20	93	373256	40.25	ng		92
12) 1,3-Dichlorobenzene	6.39	146	364910m	37.27	ng		
13) 1,4-Dichlorobenzene	6.47	146	377169m	37.73	ng		
14) 1,2-Dichlorobenzene	6.63	146	331510	37.22	ng		98
15) Benzyl Alcohol	6.62	79	269396	44.91	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.75	45	392926	35.46	ng		99
17) 2-Methylphenol	6.74	107	290157	39.30	ng		96
18) Hexachloroethane	6.96	117	129425	36.29	ng		98
19) n-Nitroso-di-n-propylamine	6.89	70	233379	39.49	ng		95
20) 3+4-Methylphenols	6.90	107	367998	41.52	ng		98
22) Acetophenone	6.88	105	478833	36.86	ng	#	97
24) Nitrobenzene	7.05	77	406365	41.97	ng		92
25) Isophorone	7.30	82	720381	37.10	ng		96
26) 2-Nitrophenol	7.37	139	203832	42.75	ng	#	85
27) 2,4-Dimethylphenol	7.43	122	344250	40.64	ng		99
28) bis(2-Chloroethoxy)methane	7.52	93	463500	39.47	ng		100
29) 2,4-Dichlorophenol	7.61	162	276102	37.16	ng		87
30) 1,2,4-Trichlorobenzene	7.69	180	285640	38.49	ng		98
31) Naphthalene	7.77	128	998523	38.93	ng		99
32) Benzoic acid	7.58	122	195946	33.70	ng		99
33) 4-Chloroaniline	7.83	127	440117	41.37	ng		97
34) Hexachlorobutadiene	7.90	225	152758	39.02	ng		97
35) Caprolactam	8.22	113	105801	43.02	ng		91
36) 4-Chloro-3-methylphenol	8.33	107	348393	41.49	ng		86
37) 2-Methylnaphthalene	8.46	142	637107	39.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	273847	39.55	ng	#	97
40) Hexachlorocyclopentadiene	8.62	237	116846	34.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	189769	38.46	ng		100
43) 2,4,5-Trichlorophenol	8.79	196	195180	38.20	ng		97
45) 1,1'-Biphenyl	8.92	154	865361	40.09	ng		96
46) 2-Chloronaphthalene	8.94	162	557589	35.02	ng		97
47) 2-Nitroaniline	9.04	65	179304	37.35	ng	#	78
48) Acenaphthylene	9.35	152	956147	36.98	ng		100
49) Dimethylphthalate	9.23	163	696742	36.26	ng		99
50) 2,6-Dinitrotoluene	9.29	165	148157	34.60	ng		94
51) Acenaphthene	9.52	154	542725	35.36	ng		99
52) 3-Nitroaniline	9.46	138	194275	38.69	ng	#	79
53) 2,4-Dinitrophenol	9.56	184	82130	36.09	ng	#	91
54) Dibenzofuran	9.69	168	760335	37.64	ng		97
55) 4-Nitrophenol	9.63	139	120318	34.98	ng	#	81
56) 2,4-Dinitrotoluene	9.69	165	182686	36.08	ng		98
57) Fluorene	10.03	166	632911	41.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	144892	37.88	ng		98
59) Diethylphthalate	9.93	149	732664	39.48	ng		98
60) 4-Chlorophenyl-phenylether	10.03	204	269522	38.83	ng	#	86
61) 4-Nitroaniline	10.07	138	209506	40.94	ng		93
62) Azobenzene	10.19	77	747991	38.72	ng		89
64) 4,6-Dinitro-2-methylphenol	10.10	198	123083	41.19	ng		98
65) n-Nitrosodiphenylamine	10.16	169	599236	38.20	ng		99
66) 4-Bromophenyl-phenylether	10.51	248	172745	36.80	ng	#	88
67) Hexachlorobenzene	10.57	284	196663	35.95	ng	#	86
68) Atrazine	10.68	200	146708	34.13	ng		96
69) Pentachlorophenol	10.78	266	110772	35.67	ng		97
70) Phenanthrene	10.98	178	917277	41.11	ng		98
71) Anthracene	11.03	178	902722	38.58	ng		100
72) Carbazole	11.19	167	879463	35.55	ng		98
73) Di-n-butylphthalate	11.54	149	1185669	41.22	ng		99
74) Fluoranthene	12.15	202	861443	35.97	ng		100
76) Benzidine	12.29	184	481496	36.35	ng		98
77) Pyrene	12.38	202	998338	36.86	ng		100
79) Butylbenzylphthalate	13.02	149	485882	36.68	ng	#	85
80) Benzo(a)anthracene	13.55	228	820530	38.53	ng		100
81) 3,3'-Dichlorobenzidine	13.53	252	330915	37.68	ng	#	98
82) Chrysene	13.59	228	661866	31.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.59	149	656317	38.71	ng	#	98
84) Di-n-octyl phthalate	14.19	149	1233863	42.25	ng		99
85) Indeno(1,2,3-cd)pyrene	16.02	276	740457	44.15	ng		97
87) Benzo(b)fluoranthene	14.55	252	840569m	41.34	ng		
88) Benzo(k)fluoranthene	14.57	252	658860m	34.52	ng		
89) Benzo(a)pyrene	14.83	252	708542	37.04	ng	#	95
90) Dibenzo(a,h)anthracene	16.03	278	617603	41.38	ng		98
91) Benzo(g,h,i)perylene	16.35	276	592662	40.57	ng		96

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

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