Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080215\
Data File : BF080804.D
Acq On : 2 Aug 2015 12:23
Operator : TP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:38:48 PM

Quant Time: Aug 03 14:18:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 03 12:39:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	245062	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	911460	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	375418	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	702114	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	542247	20.00	ng		-0.01
86) Perylene-d12	15.40	264	578327	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	976511	68.36	ng		-0.01
7) Phenol-d6	6.48	99	1335058	68.65	ng		-0.01
23) Nitrobenzene-d5	7.40	82	1143885	60.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	291574	74.85	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1717067	68.23	ng		-0.02
78) Terphenyl-d14	12.93	244	1766545	61.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	290903	41.29	ng		95
3) Pyridine	3.18	79	787965	40.31	ng		95
4) n-Nitrosodimethylamine	3.14	42	436595	39.07	ng		90
6) Aniline	6.50	93	953043	34.04	ng		93
8) 2-Chlorophenol	6.62	128	561618	35.07	ng		92
9) Benzaldehyde	6.38	77	409073	32.79	ng		90
10) Phenol	6.49	94	758238	33.69	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	555919	34.58	ng		93
12) 1,3-Dichlorobenzene	6.78	146	626652m	35.15	ng		
13) 1,4-Dichlorobenzene	6.85	146	637201	35.04	ng		96
14) 1,2-Dichlorobenzene	7.01	146	637042	38.32	ng		93
15) Benzyl Alcohol	6.98	79	503138	31.15	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1171903	34.12	ng		95
17) 2-Methylphenol	7.09	107	477992	36.37	ng		98
18) Hexachloroethane	7.36	117	238096	35.08	ng	#	73
19) n-Nitroso-di-n-propylamine	7.26	70	440327	33.62	ng	#	89
20) 3+4-Methylphenols	7.25	107	571338	35.23	ng		91
22) Acetophenone	7.25	105	707929	32.18	ng	#	89
24) Nitrobenzene	7.42	77	684821	36.32	ng		93
25) Isophorone	7.66	82	1187002	35.46	ng		98
26) 2-Nitrophenol	7.73	139	290744	37.98	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	576854	40.12	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	692761	34.94	ng		99
29) 2,4-Dichlorophenol	7.98	162	477033	37.32	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	532035	38.17	ng		97
31) Naphthalene	8.14	128	1703285	37.44	ng		99
32) Benzoic acid	7.90	122	400320	39.76	ng		94
33) 4-Chloroaniline	8.19	127	643638	33.53	ng	#	89
34) Hexachlorobutadiene	8.26	225	317456	35.28	ng		99
35) Caprolactam	8.57	113	136900	35.77	ng	#	88
36) 4-Chloro-3-methylphenol	8.67	107	478288	34.71	ng		99
37) 2-Methylnaphthalene	8.83	142	933761	32.70	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	505615	42.89	ng		98
40) Hexachlorocyclopentadiene	8.99	237	317470	43.77	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	327620	39.95	ng		96
43) 2,4,5-Trichlorophenol	9.15	196	357209	43.91	ng		93
45) 1,1'-Biphenyl	9.30	154	1178713	40.95	ng		96
46) 2-Chloronaphthalene	9.32	162	931549	39.62	ng		94
47) 2-Nitroaniline	9.41	65	332687	36.37	ng	#	78
48) Acenaphthylene	9.73	152	1373803	36.75	ng		99
49) Dimethylphthalate	9.61	163	1007764	38.09	ng	#	97
50) 2,6-Dinitrotoluene	9.66	165	243679	43.40	ng	#	63
51) Acenaphthene	9.90	154	839975	36.83	ng		100
52) 3-Nitroaniline	9.82	138	226272	34.92	ng	#	58
53) 2,4-Dinitrophenol	9.93	184	127782	42.73	ng	#	79
54) Dibenzofuran	10.08	168	1082632	35.49	ng		98
55) 4-Nitrophenol	9.98	139	208603	43.70	ng	#	77
56) 2,4-Dinitrotoluene	10.06	165	305187	41.45	ng	#	69
57) Fluorene	10.42	166	821623	34.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	234333	38.20	ng		98
59) Diethylphthalate	10.30	149	972354	38.13	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	431600	42.04	ng	#	78
61) 4-Nitroaniline	10.44	138	270440	46.23	ng		88
62) Azobenzene	10.57	77	1133401	41.03	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	158510	37.49	ng	#	81
65) n-Nitrosodiphenylamine	10.53	169	832984	36.19	ng		97
66) 4-Bromophenyl-phenylether	10.90	248	252052	34.78	ng	#	83
67) Hexachlorobenzene	10.97	284	314831	37.57	ng	#	79
68) Atrazine	11.06	200	189420	34.11	ng		97
69) Pentachlorophenol	11.16	266	196341	38.72	ng		97
70) Phenanthrene	11.38	178	1275289	36.05	ng		100
71) Anthracene	11.42	178	1265300	36.40	ng		99
72) Carbazole	11.58	167	1170165	38.79	ng		99
73) Di-n-butylphthalate	11.92	149	1416503	37.87	ng		100
74) Fluoranthene	12.56	202	1356371	39.66	ng		95
76) Benzidine	12.68	184	651265	32.99	ng		99
77) Pyrene	12.79	202	1390166	33.06	ng		100
79) Butylbenzylphthalate	13.41	149	605760	35.10	ng	#	84
80) Benzo(a)anthracene	13.97	228	1147938	35.20	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	444679	39.95	ng		97
82) Chrysene	14.01	228	1129241	35.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	753617	36.00	ng	#	95
84) Di-n-octyl phthalate	14.59	149	1460403	41.60	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	1257494	44.11	ng	#	85
87) Benzo(b)fluoranthene	15.00	252	1308005m	37.86	ng		
88) Benzo(k)fluoranthene	15.03	252	958596m	33.72	ng		
89) Benzo(a)pyrene	15.35	252	1090294	38.44	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	1018894	40.13	ng	#	96
91) Benzo(g,h,i)perylene	17.20	276	1002633	40.13	ng		99

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

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