Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084422.D
Acq On : 12 Jan 2016 20:52
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:42 PM

Quant Time: Jan 13 01:30:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	295315	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1261680	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	535935	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	948928	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	626964	20.00	ng		-0.06
86) Perylene-d12	15.43	264	532073	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1494207	81.84	ng		-0.04
7) Phenol-d6	6.49	99	1776285	77.46	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1622746	71.58	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	431396	79.73	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2298537	74.68	ng		-0.06
78) Terphenyl-d14	12.96	244	2053355	73.11	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	382646	44.24	ng	#	79
3) Pyridine	3.14	79	1102247	45.71	ng	#	82
4) n-Nitrosodimethylamine	3.08	42	447766	36.17	ng		93
6) Aniline	6.51	93	1299125	38.73	ng		93
8) 2-Chlorophenol	6.64	128	839280	40.52	ng		93
9) Benzaldehyde	6.38	77	526179	35.24	ng		95
10) Phenol	6.50	94	944672	36.23	ng	#	70
11) bis(2-Chloroethyl)ether	6.58	93	823825	40.79	ng	#	81
12) 1,3-Dichlorobenzene	6.78	146	898048	42.03	ng		97
13) 1,4-Dichlorobenzene	6.86	146	918725	42.87	ng		93
14) 1,2-Dichlorobenzene	7.01	146	778706	37.95	ng		97
15) Benzyl Alcohol	6.99	79	653287	33.87	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1316518	35.80	ng		85
17) 2-Methylphenol	7.12	107	708579	40.81	ng		95
18) Hexachloroethane	7.36	117	339701	39.64	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	540359	34.81	ng	#	76
20) 3+4-Methylphenols	7.26	107	741341	36.33	ng	#	68
22) Acetophenone	7.26	105	1131004	37.28	ng	#	92
24) Nitrobenzene	7.44	77	932733	40.57	ng	#	88
25) Isophorone	7.68	82	1642918	37.89	ng		96
26) 2-Nitrophenol	7.74	139	404926	38.70	ng	#	81
27) 2,4-Dimethylphenol	7.79	122	722731	34.12	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	955417	36.08	ng		99
29) 2,4-Dichlorophenol	8.00	162	715294	40.54	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	734300	40.31	ng	#	95
31) Naphthalene	8.16	128	2326202	40.64	ng		98
32) Benzoic acid	7.92	122	393250	31.35	ng		95
33) 4-Chloroaniline	8.20	127	933818	35.58	ng		98
34) Hexachlorobutadiene	8.27	225	382437	36.52	ng		98
35) Caprolactam	8.58	113	208851	35.11	ng	#	45
36) 4-Chloro-3-methylphenol	8.69	107	726743	36.77	ng		97
37) 2-Methylnaphthalene	8.84	142	1413146	34.39	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	685778	44.51	ng		99
40) Hexachlorocyclopentadiene	9.00	237	366519	39.41	ng		97

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Quant Time: Jan 13 01:30:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	465833	40.41	ng		92
43) 2,4,5-Trichlorophenol	9.16	196	452513	40.95	ng	#	81
45) 1,1'-Biphenyl	9.31	154	1819716	42.72	ng		99
46) 2-Chloronaphthalene	9.33	162	1351647	40.40	ng		94
47) 2-Nitroaniline	9.44	65	473055	42.84	ng	#	60
48) Acenaphthylene	9.74	152	1943921	39.33	ng		97
49) Dimethylphthalate	9.62	163	1623671	42.38	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	380611	45.29	ng	#	80
51) Acenaphthene	9.92	154	1308450	39.46	ng		98
52) 3-Nitroaniline	9.85	138	463826	44.54	ng	#	83
53) 2,4-Dinitrophenol	9.95	184	178344	51.16	ng	#	79
54) Dibenzofuran	10.09	168	1710870	39.48	ng		92
55) 4-Nitrophenol	10.02	139	320420	42.39	ng		84
56) 2,4-Dinitrotoluene	10.08	165	453652	42.65	ng		98
57) Fluorene	10.43	166	1264527	37.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	386716	40.99	ng		90
59) Diethylphthalate	10.32	149	1561534	41.34	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	657901	47.37	ng		92
61) 4-Nitroaniline	10.45	138	379185	40.85	ng		87
62) Azobenzene	10.59	77	1739714	41.99	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	252635	43.67	ng		78
65) n-Nitrosodiphenylamine	10.54	169	1155027	38.07	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	436139	42.70	ng		97
67) Hexachlorobenzene	10.98	284	427211	37.16	ng	#	85
68) Atrazine	11.08	200	421202	42.42	ng		94
69) Pentachlorophenol	11.17	266	215168	36.10	ng		98
70) Phenanthrene	11.39	178	1983503	39.96	ng		96
71) Anthracene	11.45	178	2062705	42.39	ng		97
72) Carbazole	11.61	167	1859655	39.09	ng		97
73) Di-n-butylphthalate	11.94	149	2195576	42.91	ng	#	96
74) Fluoranthene	12.58	202	1834150	35.37	ng		98
76) Benzidine	12.71	184	480369	21.37	ng		99
77) Pyrene	12.81	202	1851173	37.63	ng		97
79) Butylbenzylphthalate	13.44	149	789210	37.07	ng	#	86
80) Benzo(a)anthracene	14.00	228	1293856	35.15	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	505034	39.31	ng	#	96
82) Chrysene	14.03	228	1247745	35.27	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	892503	33.18	ng	#	94
84) Di-n-octyl phthalate	14.60	149	1460116	32.15	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.82	276	1475686	52.62	ng		97
87) Benzo(b)fluoranthene	15.03	252	1336628m	38.40	ng		
88) Benzo(k)fluoranthene	15.05	252	1047794m	36.81	ng		
89) Benzo(a)pyrene	15.37	252	1171179	39.67	ng	#	95
90) Dibenzo(a,h)anthracene	16.84	278	1212404	47.73	ng		97
91) Benzo(g,h,i)perylene	17.24	276	1289842	49.03	ng		96

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

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