Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084747.D
Acq On : 2 Feb 2016 10:44
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:32 PM

Quant Time: Feb 03 02:28:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157268	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	637300	20.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	300636	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	567703	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	387122	20.00	ng		-0.02
86) Perylene-d12	15.23	264	347934	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	811635	80.39	ng		-0.02
7) Phenol-d6	6.35	99	941642	75.23	ng		-0.02
23) Nitrobenzene-d5	7.28	82	942504	83.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	261302	83.33	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1591187	91.47	ng		-0.02
78) Terphenyl-d14	12.81	244	1513596	88.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	169887	38.41	ng	#	79
3) Pyridine	2.86	79	514848	44.68	ng	#	75
4) n-Nitrosodimethylamine	2.81	42	230308	38.64	ng		79
6) Aniline	6.36	93	597262	38.99	ng	#	75
8) 2-Chlorophenol	6.49	128	470704	41.19	ng		96
9) Benzaldehyde	6.25	77	299459	40.51	ng		89
10) Phenol	6.36	94	486529	34.70	ng	#	48
11) bis(2-Chloroethyl)ether	6.44	93	412430m	37.72	ng		
12) 1,3-Dichlorobenzene	6.64	146	460716m	38.16	ng		
13) 1,4-Dichlorobenzene	6.72	146	478052	39.60	ng		95
14) 1,2-Dichlorobenzene	6.88	146	434112	38.61	ng		95
15) Benzyl Alcohol	6.85	79	336093	38.88	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	703203	38.23	ng		86
17) 2-Methylphenol	6.98	107	368774	40.80	ng	#	91
18) Hexachloroethane	7.21	117	179261	38.56	ng	#	89
19) n-Nitroso-di-n-propylamine	7.13	70	299574	38.18	ng	#	74
20) 3+4-Methylphenols	7.13	107	443093	39.50	ng	#	66
22) Acetophenone	7.12	105	636337	37.88	ng	#	97
24) Nitrobenzene	7.29	77	429427	35.45	ng		92
25) Isophorone	7.54	82	871775	39.63	ng		96
26) 2-Nitrophenol	7.61	139	240169	40.20	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	392802	37.79	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	477971	36.62	ng		99
29) 2,4-Dichlorophenol	7.86	162	370118	41.62	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	375324	37.37	ng		97
31) Naphthalene	8.01	128	1154671	36.12	ng		99
32) Benzoic acid	7.78	122	211785	31.86	ng		93
33) 4-Chloroaniline	8.06	127	470985	35.62	ng		98
34) Hexachlorobutadiene	8.13	225	233340	40.29	ng		98
35) Caprolactam	8.44	113	106243	38.76	ng	#	47
36) 4-Chloro-3-methylphenol	8.56	107	372194	36.69	ng		92
37) 2-Methylnaphthalene	8.70	142	824428	41.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	358655	37.56	ng		98
40) Hexachlorocyclopentadiene	8.85	237	139596	41.55	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	245056	39.84	ng		90
43) 2,4,5-Trichlorophenol	9.02	196	241543	38.65	ng	#	83
45) 1,1'-Biphenyl	9.17	154	1045563	38.94	ng		94
46) 2-Chloronaphthalene	9.18	162	752949	38.08	ng		97
47) 2-Nitroaniline	9.29	65	225089	35.95	ng		98
48) Acenaphthylene	9.61	152	1169622	38.98	ng		99
49) Dimethylphthalate	9.48	163	918125	40.10	ng	#	91
50) 2,6-Dinitrotoluene	9.54	165	212831	42.55	ng		92
51) Acenaphthene	9.78	154	745711	38.20	ng		98
52) 3-Nitroaniline	9.70	138	198621	35.34	ng		97
53) 2,4-Dinitrophenol	9.81	184	72552	34.95	ng	#	83
54) Dibenzofuran	9.95	168	931707	39.05	ng		96
55) 4-Nitrophenol	9.88	139	171585	41.54	ng		93
56) 2,4-Dinitrotoluene	9.94	165	274909	43.09	ng	#	94
57) Fluorene	10.28	166	771595	38.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	182266	38.31	ng		92
59) Diethylphthalate	10.17	149	866580	38.76	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	359026	42.48	ng		94
61) 4-Nitroaniline	10.32	138	230713	42.12	ng		92
62) Azobenzene	10.44	77	892909	41.53	ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	118379	33.79	ng	#	49
65) n-Nitrosodiphenylamine	10.41	169	753168	41.78	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	265255	42.30	ng		96
67) Hexachlorobenzene	10.83	284	253064	37.04	ng	#	86
68) Atrazine	10.93	200	195712	34.38	ng		98
69) Pentachlorophenol	11.02	266	113352	35.30	ng		98
70) Phenanthrene	11.24	178	1147154	36.43	ng		98
71) Anthracene	11.30	178	1306857	41.19	ng		100
72) Carbazole	11.46	167	1127874	40.77	ng		98
73) Di-n-butylphthalate	11.79	149	1275621	36.22	ng	#	97
74) Fluoranthene	12.43	202	1304519	40.93	ng		94
76) Benzidine	12.56	184	616918	46.37	ng		98
77) Pyrene	12.66	202	1273516	42.97	ng		99
79) Butylbenzylphthalate	13.29	149	565614	42.07	ng	#	90
80) Benzo(a)anthracene	13.84	228	975935	40.62	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	389010	45.73	ng		95
82) Chrysene	13.88	228	973926	41.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	656856	39.26	ng	#	97
84) Di-n-octyl phthalate	14.45	149	1021349	37.00	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.53	276	841708	45.90	ng		99
87) Benzo(b)fluoranthene	14.84	252	988254m	42.27	ng		
88) Benzo(k)fluoranthene	14.88	252	626492m	32.41	ng		
89) Benzo(a)pyrene	15.17	252	758454	38.08	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	688402	41.06	ng		96
91) Benzo(g,h,i)perylene	16.92	276	711359	42.12	ng		97

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

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