Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083437.D
Acq On : 3 Dec 2015 1:37
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:54 PM

Quant Time: Dec 03 06:34:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	176903m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	677941	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	336050	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	613036	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	431154	20.00	ng		-0.02
86) Perylene-d12	16.80	264	387667	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	927874	78.71	ng		-0.01
7) Phenol-d6	6.21	99	1191208m	73.82	ng		-0.01
23) Nitrobenzene-d5	7.12	82	1116496	72.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	237190	70.31	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1676092	71.08	ng		-0.01
78) Terphenyl-d14	13.20	244	1577747	87.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	221843	34.75	ng		97
3) Pyridine	2.54	79	610127	38.21	ng		97
4) n-Nitrosodimethylamine	2.51	42	302194	38.45	ng		91
6) Aniline	6.20	93	842890	38.18	ng		96
8) 2-Chlorophenol	6.33	128	494052	37.99	ng		91
9) Benzaldehyde	6.08	77	310843	40.05	ng		94
10) Phenol	6.22	94	718213	36.99	ng		89
11) bis(2-Chloroethyl)ether	6.29	93	548626	38.84	ng		90
12) 1,3-Dichlorobenzene	6.48	146	539721m	37.34	ng		
13) 1,4-Dichlorobenzene	6.56	146	566616m	37.92	ng		
14) 1,2-Dichlorobenzene	6.72	146	522893	38.15	ng		97
15) Benzyl Alcohol	6.70	79	463549	37.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	951823	38.41	ng		78
17) 2-Methylphenol	6.84	107	413077m	38.11	ng		
18) Hexachloroethane	7.05	117	195664	37.71	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	443091	38.42	ng		92
20) 3+4-Methylphenols	6.99	107	574344	39.12	ng		93
22) Acetophenone	6.97	105	764234	37.68	ng	#	95
24) Nitrobenzene	7.14	77	675261	41.00	ng		93
25) Isophorone	7.38	82	1108198	37.10	ng		99
26) 2-Nitrophenol	7.46	139	271213	40.34	ng	#	74
27) 2,4-Dimethylphenol	7.52	122	433712	38.49	ng		96
28) bis(2-Chloroethoxy)methane	7.60	93	621461	36.53	ng		99
29) 2,4-Dichlorophenol	7.71	162	410403	37.87	ng		91
30) 1,2,4-Trichlorobenzene	7.78	180	461977	39.16	ng		97
31) Naphthalene	7.85	128	1361127	37.00	ng		99
32) Benzoic acid	7.68	122	298722	38.43	ng		92
33) 4-Chloroaniline	7.92	127	595860	37.58	ng		94
34) Hexachlorobutadiene	7.98	225	252838	37.75	ng		97
35) Caprolactam	8.30	113	136391	39.83	ng	#	84
36) 4-Chloro-3-methylphenol	8.42	107	455131	37.44	ng		89
37) 2-Methylnaphthalene	8.54	142	962643	39.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	393329	36.92	ng		98
40) Hexachlorocyclopentadiene	8.70	237	96513	19.07	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	284284	38.05	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	298399	38.54	ng	#	90
45) 1,1'-Biphenyl	9.01	154	1130857	38.37	ng		99
46) 2-Chloronaphthalene	9.02	162	804119	35.81	ng		98
47) 2-Nitroaniline	9.14	65	358708	40.33	ng		88
48) Acenaphthylene	9.44	152	1281000	35.76	ng		99
49) Dimethylphthalate	9.32	163	964521	35.32	ng		99
50) 2,6-Dinitrotoluene	9.38	165	201093	34.48	ng		86
51) Acenaphthene	9.61	154	742657	35.25	ng		99
52) 3-Nitroaniline	9.55	138	248026	36.28	ng		95
53) 2,4-Dinitrophenol	9.66	184	71649	24.43	ng	#	76
54) Dibenzofuran	9.78	168	1053287	34.11	ng		99
55) 4-Nitrophenol	9.74	139	122340m	28.61	ng		
56) 2,4-Dinitrotoluene	9.78	165	260423	35.19	ng		88
57) Fluorene	10.12	166	868761	35.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	222073	35.55	ng		98
59) Diethylphthalate	10.02	149	1000475	38.43	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	424133	37.86	ng		99
61) 4-Nitroaniline	10.17	138	271748	39.73	ng		97
62) Azobenzene	10.28	77	1218716	38.76	ng		98
64) 4,6-Dinitro-2-methylphenol	10.19	198	135838	33.00	ng		91
65) n-Nitrosodiphenylamine	10.25	169	867195	40.25	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	259593	38.71	ng		95
67) Hexachlorobenzene	10.68	284	276977	37.35	ng	#	70
68) Atrazine	10.81	200	209683	35.19	ng		99
69) Pentachlorophenol	10.91	266	138772	35.73	ng		98
70) Phenanthrene	11.14	178	1302752	35.91	ng		98
71) Anthracene	11.21	178	1407178	38.53	ng		100
72) Carbazole	11.40	167	1212562	36.95	ng		99
73) Di-n-butylphthalate	11.84	149	1510197	38.83	ng		100
74) Fluoranthene	12.65	202	1305182	34.71	ng		95
76) Benzidine	12.84	184	471258	36.70	ng		100
77) Pyrene	12.96	202	1295086	43.01	ng		99
79) Butylbenzylphthalate	13.94	149	582593	45.61	ng		95
80) Benzo(a)anthracene	14.72	228	1027200	38.89	ng		100
81) 3,3'-Dichlorobenzidine	14.71	252	327814	39.73	ng		98
82) Chrysene	14.77	228	939789	36.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.85	149	795305	46.41	ng		99
84) Di-n-octyl phthalate	15.81	149	1243529	48.74	ng		100
85) Indeno(1,2,3-cd)pyrene	18.18	276	818286	44.02	ng		100
87) Benzo(b)fluoranthene	16.28	252	917241	36.87	ng		98
88) Benzo(k)fluoranthene	16.33	252	845254	35.99	ng		99
89) Benzo(a)pyrene	16.73	252	821134	38.43	ng		99
90) Dibenzo(a,h)anthracene	18.20	278	704639	37.85	ng		98
91) Benzo(g,h,i)perylene	18.55	276	607208	33.23	ng		97

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

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