Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084173.D
Acq On : 31 Dec 2015 3:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:39 PM

Quant Time: Dec 31 10:05:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 04:29:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	330803	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1390759	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	640087	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1159714	20.00	ng		0.00
75) Chrysene-d12	14.07	240	915184	20.00	ng		0.00
86) Perylene-d12	15.51	264	690941	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1773262	85.96	ng		0.00
7) Phenol-d6	6.52	99	2016612	75.52	ng		0.00
23) Nitrobenzene-d5	7.47	82	2024129	86.00	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	500665	78.37	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2850037	73.50	ng		0.00
78) Terphenyl-d14	13.01	244	2627215	67.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	399272	40.38	ng		99
3) Pyridine	3.25	79	1163714	42.85	ng		96
4) n-Nitrosodimethylamine	3.21	42	575513	42.63	ng		99
6) Aniline	6.57	93	1564873	41.02	ng		100
8) 2-Chlorophenol	6.68	128	914423	38.95	ng		99
9) Benzaldehyde	6.44	77	624218	37.50	ng		99
10) Phenol	6.53	94	1082921	34.22	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	874645	38.40	ng		98
12) 1,3-Dichlorobenzene	6.84	146	988006	40.74	ng		98
13) 1,4-Dichlorobenzene	6.92	146	1024798	42.28	ng		100
14) 1,2-Dichlorobenzene	7.07	146	859481	40.72	ng		98
15) Benzyl Alcohol	7.05	79	943032	42.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1615697	38.25	ng		99
17) 2-Methylphenol	7.15	107	777180	39.80	ng		99
18) Hexachloroethane	7.41	117	396885	41.52	ng	#	70
19) n-Nitroso-di-n-propylamine	7.32	70	683006	38.86	ng		100
20) 3+4-Methylphenols	7.31	107	1016585	43.11	ng		99
22) Acetophenone	7.31	105	1306570	38.52	ng		100
24) Nitrobenzene	7.48	77	930017	38.36	ng		98
25) Isophorone	7.73	82	1893452	39.51	ng		100
26) 2-Nitrophenol	7.80	139	449979	42.84	ng		98
27) 2,4-Dimethylphenol	7.84	122	866272	38.48	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	1072481	36.92	ng		99
29) 2,4-Dichlorophenol	8.04	162	792454	41.35	ng		100
30) 1,2,4-Trichlorobenzene	8.13	180	844670	41.57	ng		98
31) Naphthalene	8.21	128	2584440	40.68	ng		100
32) Benzoic acid	7.95	122	614714	37.10	ng		98
33) 4-Chloroaniline	8.26	127	1224587	42.21	ng		99
34) Hexachlorobutadiene	8.34	225	445058	38.43	ng		100
35) Caprolactam	8.64	113	270963	40.80	ng		98
36) 4-Chloro-3-methylphenol	8.74	107	918033	41.80	ng		99
37) 2-Methylnaphthalene	8.90	142	1633943	36.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	777569	42.81	ng		99
40) Hexachlorocyclopentadiene	9.06	237	491498	42.70	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	519498	38.62	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	518994	38.71	ng		98
45) 1,1'-Biphenyl	9.37	154	1971389	38.96	ng		99
46) 2-Chloronaphthalene	9.39	162	1505461	38.41	ng		99
47) 2-Nitroaniline	9.48	65	544937	44.60	ng		99
48) Acenaphthylene	9.80	152	2439094	37.11	ng		100
49) Dimethylphthalate	9.68	163	1910561	41.55	ng		100
50) 2,6-Dinitrotoluene	9.73	165	411620	39.86	ng		94
51) Acenaphthene	9.98	154	1647058	39.77	ng		98
52) 3-Nitroaniline	9.89	138	453403	39.49	ng		99
53) 2,4-Dinitrophenol	10.00	184	200846	56.19	ng		92
54) Dibenzofuran	10.16	168	2189379	38.58	ng		98
55) 4-Nitrophenol	10.04	139	415039	46.87	ng		100
56) 2,4-Dinitrotoluene	10.12	165	518243	39.73	ng	#	20
57) Fluorene	10.49	166	1540108	36.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	442629	37.91	ng		98
59) Diethylphthalate	10.37	149	1936912	44.96	ng		100
60) 4-Chlorophenyl-phenylether	10.49	204	770653	43.26	ng		98
61) 4-Nitroaniline	10.51	138	500500	46.67	ng		95
62) Azobenzene	10.65	77	2155710	42.79	ng		99
64) 4,6-Dinitro-2-methylphenol	10.53	198	262382	52.16	ng		99
65) n-Nitrosodiphenylamine	10.60	169	1402373	38.14	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	538076	43.24	ng		97
67) Hexachlorobenzene	11.04	284	509778	37.74	ng		99
68) Atrazine	11.13	200	441935	36.41	ng		99
69) Pentachlorophenol	11.23	266	373288	45.35	ng		100
70) Phenanthrene	11.45	178	2433554	37.19	ng		100
71) Anthracene	11.50	178	2489343	41.49	ng		99
72) Carbazole	11.65	167	2056428	36.02	ng		99
73) Di-n-butylphthalate	12.00	149	2698221	41.92	ng		99
74) Fluoranthene	12.64	202	2349510	41.37	ng		99
76) Benzidine	12.76	184	1380008	38.55	ng		99
77) Pyrene	12.87	202	2408029	34.80	ng		99
79) Butylbenzylphthalate	13.49	149	1262612	41.96	ng		96
80) Benzo(a)anthracene	14.05	228	2040170	38.62	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	813857	40.81	ng		99
82) Chrysene	14.09	228	1666081	34.22	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	1399640	38.15	ng		100
84) Di-n-octyl phthalate	14.67	149	2396370	40.49	ng		100
85) Indeno(1,2,3-cd)pyrene	16.92	276	1543908	38.15	ng		99
87) Benzo(b)fluoranthene	15.08	252	1939641	43.05	ng		100
88) Benzo(k)fluoranthene	15.12	252	1309857m	34.85	ng		
89) Benzo(a)pyrene	15.44	252	1559024	40.26	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	1272041	40.29	ng		99
91) Benzo(g,h,i)perylene	17.35	276	1289659	39.50	ng		99

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

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