Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
Data File : BF083636.D
Acq On : 9 Dec 2015 13:16
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/10/2015 5:49:56 PM

Quant Time: Dec 17 10:34:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	129608	20.00	ng		-0.02
21) Naphthalene-d8	7.58	136	523017	20.00	ng		-0.02
38) Acenaphthene-d10	10.37	164	257988	20.00	ng		-0.01
63) Phenanthrene-d10	12.76	188	475267	20.00	ng		-0.02
75) Chrysene-d12	16.98	240	389587	20.00	ng		-0.01
86) Perylene-d12	18.63	264	288514	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.95	112	739073	86.49	ng		-0.02
7) Phenol-d6	5.25	99	946593	82.90	ng		-0.02
23) Nitrobenzene-d5	6.51	82	926950	82.70	ng		-0.02
41) 2,4,6-Tribromophenol	11.67	330	190506	82.89	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1523499	83.11	ng		-0.02
78) Terphenyl-d14	15.39	244	1380826	83.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	160054	37.91	ng		97
3) Pyridine	2.24	79	430804	42.00	ng		98
4) n-Nitrosodimethylamine	2.19	42	230867	42.75	ng		93
6) Aniline	5.24	93	625496	44.45	ng	#	86
8) 2-Chlorophenol	5.40	128	398483	42.64	ng		97
9) Benzaldehyde	5.08	77	274366	46.60	ng		95
10) Phenol	5.28	94	588030	42.52	ng		82
11) bis(2-Chloroethyl)ether	5.34	93	410231	40.32	ng		95
12) 1,3-Dichlorobenzene	5.60	146	442395	42.48	ng		99
13) 1,4-Dichlorobenzene	5.70	146	446655	41.80	ng		99
14) 1,2-Dichlorobenzene	5.92	146	414741	41.82	ng		99
15) Benzyl Alcohol	5.93	79	366814	45.15	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.11	45	793812	42.19	ng	#	62
17) 2-Methylphenol	6.12	107	336014	44.19	ng		96
18) Hexachloroethane	6.40	117	160983	42.66	ng		94
19) n-Nitroso-di-n-propylamine	6.32	70	334729	42.00	ng		91
20) 3+4-Methylphenols	6.36	107	438765	43.82	ng		99
22) Acetophenone	6.29	105	621085	42.33	ng	#	95
24) Nitrobenzene	6.54	77	501534	40.48	ng		94
25) Isophorone	6.91	82	895586	41.17	ng		97
26) 2-Nitrophenol	7.02	139	212598	43.22	ng		92
27) 2,4-Dimethylphenol	7.15	122	352105	40.92	ng		95
28) bis(2-Chloroethoxy)methane	7.26	93	502775	41.62	ng		99
29) 2,4-Dichlorophenol	7.42	162	333409	42.60	ng		95
30) 1,2,4-Trichlorobenzene	7.50	180	352930	40.83	ng		100
31) Naphthalene	7.62	128	1152528	41.61	ng		100
32) Benzoic acid	7.46	122	167330	31.45	ng		95
33) 4-Chloroaniline	7.74	127	439547	43.51	ng		98
34) Hexachlorobutadiene	7.82	225	211515	41.88	ng		97
35) Caprolactam	8.36	113	101262	43.11	ng		95
36) 4-Chloro-3-methylphenol	8.60	107	371752	42.28	ng		93
37) 2-Methylnaphthalene	8.72	142	717913	41.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	351923	41.55	ng	#	100
40) Hexachlorocyclopentadiene	8.97	237	47110	41.03	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	217394	43.14	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	212909	42.67	ng		96
45) 1,1'-Biphenyl	9.47	154	928180	41.39	ng		99
46) 2-Chloronaphthalene	9.49	162	709750	41.92	ng		99
47) 2-Nitroaniline	9.71	65	258966	42.41	ng	#	83
48) Acenaphthylene	10.14	152	1151574	41.25	ng		99
49) Dimethylphthalate	10.02	163	834499	40.64	ng		99
50) 2,6-Dinitrotoluene	10.11	165	173963	41.03	ng		94
51) Acenaphthene	10.42	154	655582	41.02	ng		98
52) 3-Nitroaniline	10.38	138	188441	41.82	ng		88
53) 2,4-Dinitrophenol	10.61	184	69244	36.29	ng		98
54) Dibenzofuran	10.70	168	911360	41.12	ng		95
55) 4-Nitrophenol	10.81	139	84269	42.47	ng		87
56) 2,4-Dinitrotoluene	10.77	165	235869	41.94	ng	#	94
57) Fluorene	11.27	166	799953	41.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.96	232	159375	39.81	ng	#	100
59) Diethylphthalate	11.16	149	803580	40.24	ng		100
60) 4-Chlorophenyl-phenylether	11.29	204	381957	41.48	ng		94
61) 4-Nitroaniline	11.39	138	183473	44.82	ng		95
62) Azobenzene	11.54	77	922985	42.00	ng		95
64) 4,6-Dinitro-2-methylphenol	11.45	198	123985	38.68	ng		83
65) n-Nitrosodiphenylamine	11.51	169	661046	42.14	ng		98
66) 4-Bromophenyl-phenylether	12.08	248	221615	41.81	ng		93
67) Hexachlorobenzene	12.16	284	229514	40.81	ng	#	82
68) Atrazine	12.42	200	195039	41.79	ng		99
69) Pentachlorophenol	12.52	266	58760	42.55	ng		95
70) Phenanthrene	12.81	178	1126251	41.24	ng		100
71) Anthracene	12.89	178	1139291	40.28	ng		99
72) Carbazole	13.20	167	1014708	41.83	ng		100
73) Di-n-butylphthalate	13.81	149	1268462	41.58	ng		99
74) Fluoranthene	14.73	202	1150603	41.19	ng		98
76) Benzidine	15.01	184	517051	42.67	ng		98
77) Pyrene	15.08	202	1164192	41.51	ng		99
79) Butylbenzylphthalate	16.23	149	515378	41.40	ng		94
80) Benzo(a)anthracene	16.97	228	919189	40.31	ng		99
81) 3,3'-Dichlorobenzidine	16.96	252	326963	42.45	ng		100
82) Chrysene	17.01	228	931496	40.75	ng		100
83) Bis(2-ethylhexyl)phthalate	17.08	149	699653	40.49	ng		100
84) Di-n-octyl phthalate	17.85	149	1039010	39.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	654663	42.43	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	753854m	45.88	ng		
88) Benzo(k)fluoranthene	18.27	252	656029m	36.24	ng		
89) Benzo(a)pyrene	18.57	252	646444	40.32	ng		98
90) Dibenzo(a,h)anthracene	19.86	278	565160	46.11	ng		97
91) Benzo(g,h,i)perylene	20.21	276	563604	47.16	ng		96

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

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