Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082831.D
Acq On : 9 Nov 2015 15:02
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/10/2015 1:02:03 PM

Quant Time: Nov 10 04:44:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266797	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	1022224	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	483061	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	913668	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	715440	20.00	ng		-0.01
86) Perylene-d12	15.45	264	741327	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1404066	81.88	ng		-0.01
7) Phenol-d6	6.48	99	1749449	76.74	ng		0.00
23) Nitrobenzene-d5	7.40	82	1695978	72.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	390011	70.41	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	2554144	75.78	ng		-0.02
78) Terphenyl-d14	12.94	244	2381552	78.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	336373	45.46	ng		97
3) Pyridine	3.13	79	1013659	47.22	ng		99
4) n-Nitrosodimethylamine	3.09	42	430554	40.44	ng	#	74
6) Aniline	6.50	93	1249347	39.03	ng		97
8) 2-Chlorophenol	6.62	128	735407	38.69	ng		96
9) Benzaldehyde	6.37	77	497954	39.54	ng		90
10) Phenol	6.49	94	1019594	39.42	ng		87
11) bis(2-Chloroethyl)ether	6.57	93	716662	37.05	ng		94
12) 1,3-Dichlorobenzene	6.77	146	820105m	38.25	ng		
13) 1,4-Dichlorobenzene	6.85	146	886593	39.75	ng		93
14) 1,2-Dichlorobenzene	7.00	146	712319	35.12	ng		93
15) Benzyl Alcohol	6.98	79	722649	36.10	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1127581	39.74	ng		98
17) 2-Methylphenol	7.09	107	611251	37.97	ng		99
18) Hexachloroethane	7.34	117	303028	37.98	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	656580	39.18	ng	#	81
20) 3+4-Methylphenols	7.25	107	751910	35.92	ng		95
22) Acetophenone	7.25	105	1113659	38.02	ng	#	92
24) Nitrobenzene	7.42	77	945147	39.34	ng		95
25) Isophorone	7.66	82	1630472	37.51	ng		98
26) 2-Nitrophenol	7.73	139	361583	36.06	ng	#	80
27) 2,4-Dimethylphenol	7.78	122	630477	34.99	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	903985	36.87	ng	#	97
29) 2,4-Dichlorophenol	7.98	162	666568	40.93	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	684776	37.39	ng		97
31) Naphthalene	8.14	128	2050495	36.36	ng		99
32) Benzoic acid	7.92	122	537036	43.53	ng		92
33) 4-Chloroaniline	8.19	127	823506	33.88	ng		94
34) Hexachlorobutadiene	8.27	225	435397	37.99	ng		97
35) Caprolactam	8.58	113	211476	41.19	ng	#	68
36) 4-Chloro-3-methylphenol	8.68	107	730785	38.16	ng	#	84
37) 2-Methylnaphthalene	8.83	142	1245848	34.15	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	601603	37.90	ng		98
40) Hexachlorocyclopentadiene	8.99	237	340892	39.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	477900	40.33	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	460920	39.33	ng		93
45) 1,1'-Biphenyl	9.30	154	1506408	36.34	ng		95
46) 2-Chloronaphthalene	9.32	162	1222196	37.80	ng		97
47) 2-Nitroaniline	9.41	65	462867	38.59	ng	#	85
48) Acenaphthylene	9.73	152	1843813	36.39	ng		99
49) Dimethylphthalate	9.61	163	1592327	40.23	ng		99
50) 2,6-Dinitrotoluene	9.66	165	370631	43.89	ng	#	65
51) Acenaphthene	9.90	154	1234072	38.43	ng		99
52) 3-Nitroaniline	9.82	138	338031	36.40	ng		88
53) 2,4-Dinitrophenol	9.93	184	182516	39.37	ng	#	28
54) Dibenzofuran	10.08	168	1583208	36.56	ng		95
55) 4-Nitrophenol	9.98	139	300585	42.19	ng	#	80
56) 2,4-Dinitrotoluene	10.06	165	500449	43.68	ng	#	77
57) Fluorene	10.42	166	1169578	33.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	395801	41.38	ng	#	88
59) Diethylphthalate	10.30	149	1527892	39.54	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	677843	38.63	ng		100
61) 4-Nitroaniline	10.44	138	359467	38.49	ng	#	82
62) Azobenzene	10.58	77	1739037	41.89	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	301635	46.34	ng		81
65) n-Nitrosodiphenylamine	10.53	169	1117589	33.86	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	404899	36.80	ng	#	94
67) Hexachlorobenzene	10.97	284	446087	36.31	ng		90
68) Atrazine	11.06	200	392090	38.41	ng		97
69) Pentachlorophenol	11.16	266	287370	38.52	ng		98
70) Phenanthrene	11.38	178	1834642	34.58	ng		100
71) Anthracene	11.44	178	2167036	38.77	ng		100
72) Carbazole	11.58	167	1740741	35.58	ng		100
73) Di-n-butylphthalate	11.93	149	2300088	37.73	ng		99
74) Fluoranthene	12.57	202	2159099	37.92	ng		99
76) Benzidine	12.68	184	1102423	45.98	ng		99
77) Pyrene	12.80	202	2147655	43.71	ng		100
79) Butylbenzylphthalate	13.43	149	1034107	47.64	ng	#	77
80) Benzo(a)anthracene	13.99	228	1866430	41.72	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	666761	41.92	ng		97
82) Chrysene	14.03	228	1812293	44.23	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	1340133	45.11	ng	#	99
84) Di-n-octyl phthalate	14.63	149	2202189	44.44	ng		97
85) Indeno(1,2,3-cd)pyrene	16.84	276	1668408	47.28	ng		97
87) Benzo(b)fluoranthene	15.05	252	1746409	36.70	ng	#	97
88) Benzo(k)fluoranthene	15.08	252	1661930m	39.37	ng		
89) Benzo(a)pyrene	15.40	252	1622740	39.36	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	1372224	39.31	ng		99
91) Benzo(g,h,i)perylene	17.27	276	1311280	39.21	ng		98

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

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