Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080915.D
Acq On : 7 Aug 2015 5:45
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:16:03 AM

Quant Time: Aug 07 06:39:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	55307	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	238903	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	113167	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	217705	20.00	ng	0.00
75) Chrysene-d12	13.96	240	171071	20.00	ng	0.00
86) Perylene-d12	15.36	264	164570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	302873	87.30	ng	0.00
7) Phenol-d6	6.44	99	386854	81.00	ng	0.00
23) Nitrobenzene-d5	7.38	82	394502	77.79	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	102366	84.21	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	589867	74.29	ng	0.00
78) Terphenyl-d14	12.91	244	668058	82.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	63917	38.03	ng	99
3) Pyridine	3.04	79	191018	40.42	ng	99
4) n-Nitrosodimethylamine	2.99	42	98744	40.38	ng	94
6) Aniline	6.46	93	283813	40.06	ng	98
8) 2-Chlorophenol	6.59	128	169418	43.01	ng	97
9) Benzaldehyde	6.35	77	129493	39.36	ng	99
10) Phenol	6.45	94	243501	42.49	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	153678	37.88	ng	99
12) 1,3-Dichlorobenzene	6.75	146	179860	42.09	ng	98
13) 1,4-Dichlorobenzene	6.83	146	178118	40.94	ng	98
14) 1,2-Dichlorobenzene	6.98	146	159600	40.01	ng	100
15) Benzyl Alcohol	6.96	79	171916	45.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	318880	38.29	ng	99
17) 2-Methylphenol	7.07	107	143645	40.69	ng	98
18) Hexachloroethane	7.32	117	67439	40.81	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	132306	38.91	ng	99
20) 3+4-Methylphenols	7.22	107	162725	38.02	ng	98
22) Acetophenone	7.22	105	219972	36.82	ng	99
24) Nitrobenzene	7.39	77	185059	35.81	ng	99
25) Isophorone	7.64	82	384892	39.60	ng	100
26) 2-Nitrophenol	7.71	139	86185	39.73	ng	98
27) 2,4-Dimethylphenol	7.76	122	169823	40.81	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	193583	33.60	ng	99
29) 2,4-Dichlorophenol	7.95	162	125909	37.95	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	148714	40.43	ng	100
31) Naphthalene	8.12	128	529664	40.86	ng	100
32) Benzoic acid	7.87	122	101363	38.30	ng	96
33) 4-Chloroaniline	8.17	127	212863	39.72	ng	99
34) Hexachlorobutadiene	8.24	225	82275	39.31	ng	99
35) Caprolactam	8.54	113	45136	36.45	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	151744	37.97	ng	98
37) 2-Methylnaphthalene	8.81	142	312969	39.16	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	143987	41.77	ng	99
40) Hexachlorocyclopentadiene	8.97	237	83594	42.26	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	96715	38.03	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	105982	41.10	ng		98
45) 1,1'-Biphenyl	9.28	154	406299	42.43	ng		100
46) 2-Chloronaphthalene	9.30	162	320551	42.82	ng		98
47) 2-Nitroaniline	9.39	65	120101	39.45	ng		99
48) Acenaphthylene	9.71	152	521933	39.75	ng		99
49) Dimethylphthalate	9.58	163	355291	39.53	ng	#	97
50) 2,6-Dinitrotoluene	9.64	165	75699	39.28	ng	#	45
51) Acenaphthene	9.88	154	314827	39.46	ng		98
52) 3-Nitroaniline	9.80	138	86370	36.25	ng		98
53) 2,4-Dinitrophenol	9.90	184	44704	42.34	ng		100
54) Dibenzofuran	10.05	168	433995	40.16	ng		98
55) 4-Nitrophenol	9.96	139	80737	44.90	ng		88
56) 2,4-Dinitrotoluene	10.04	165	106180	40.96	ng	#	56
57) Fluorene	10.40	166	347532	41.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	78979	38.39	ng		98
59) Diethylphthalate	10.27	149	377234	38.53	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	148006	37.35	ng		99
61) 4-Nitroaniline	10.42	138	105661	43.23	ng		92
62) Azobenzene	10.54	77	409408	38.16	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	56619	39.92	ng		89
65) n-Nitrosodiphenylamine	10.51	169	322529	41.58	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	94941	40.13	ng		97
67) Hexachlorobenzene	10.94	284	111456	43.56	ng		97
68) Atrazine	11.04	200	90320	40.33	ng		99
69) Pentachlorophenol	11.13	266	60468	42.17	ng		99
70) Phenanthrene	11.36	178	509795	40.01	ng		99
71) Anthracene	11.40	178	476088	37.97	ng		100
72) Carbazole	11.56	167	520766	41.12	ng		100
73) Di-n-butylphthalate	11.89	149	582315	37.71	ng		100
74) Fluoranthene	12.53	202	515677	37.02	ng		99
76) Benzidine	12.66	184	303205	43.39	ng		100
77) Pyrene	12.76	202	547252	43.04	ng		99
79) Butylbenzylphthalate	13.39	149	276007	45.38	ng		93
80) Benzo(a)anthracene	13.95	228	455675	40.77	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	194229	46.42	ng		99
82) Chrysene	13.99	228	453408	42.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	376130	45.13	ng		98
84) Di-n-octyl phthalate	14.56	149	662701	45.11	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	430142	41.35	ng		99
87) Benzo(b)fluoranthene	14.97	252	496154m	42.93	ng		
88) Benzo(k)fluoranthene	14.99	252	357317m	36.70	ng		
89) Benzo(a)pyrene	15.30	252	404192	40.58	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	352898	41.10	ng		98
91) Benzo(g,h,i)perylene	17.13	276	345616	41.53	ng		97

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

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