Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078401.D
Acq On : 10 Apr 2015 16:01
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/13/2015 4:16:17 PM

Quant Time: Apr 13 10:40:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	29996	20.00	ng		-0.02
21) Naphthalene-d8	8.44	136	125754	20.00	ng		-0.02
38) Acenaphthene-d10	10.59	164	63061	20.00	ng		-0.05
63) Phenanthrene-d10	12.42	188	128266	20.00	ng		-0.05
75) Chrysene-d12	15.69	240	137163	20.00	ng		-0.06
86) Perylene-d12	17.45	264	144343	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	155405	85.42	ng		-0.06
7) Phenol-d6	6.46	99	195142	85.59	ng		-0.01
23) Nitrobenzene-d5	7.56	82	174909	84.31	ng		-0.02
41) 2,4,6-Tribromophenol	11.57	330	47750	91.30	ng		-0.05
44) 2-Fluorobiphenyl	9.78	172	350691	79.49	ng		-0.03
78) Terphenyl-d14	14.41	244	468066	77.11	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	51079m	62.09	ng		
3) Pyridine	2.22	79	101634	47.16	ng		94
4) n-Nitrosodimethylamine	2.18	42	38743m	46.71	ng		
6) Aniline	6.44	93	135955	42.05	ng		92
8) 2-Chlorophenol	6.59	128	87957	40.89	ng		97
9) Benzaldehyde	6.29	77	54675	36.18	ng		92
10) Phenol	6.48	94	114372	41.87	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	78572	39.99	ng		95
12) 1,3-Dichlorobenzene	6.77	146	94022	39.79	ng		98
13) 1,4-Dichlorobenzene	6.88	146	96392	40.53	ng		97
14) 1,2-Dichlorobenzene	7.06	146	89714	40.23	ng		99
15) Benzyl Alcohol	7.06	79	71326	44.52	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	105326	40.19	ng		97
17) 2-Methylphenol	7.23	107	67390	40.35	ng		96
18) Hexachloroethane	7.48	117	33445	41.70	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	61646	40.98	ng	#	83
20) 3+4-Methylphenols	7.42	107	93558	41.99	ng		91
22) Acetophenone	7.38	105	120652	41.18	ng	#	91
24) Nitrobenzene	7.58	77	91566	42.22	ng		89
25) Isophorone	7.88	82	163125	41.43	ng	#	92
26) 2-Nitrophenol	7.98	139	41725	40.37	ng		92
27) 2,4-Dimethylphenol	8.06	122	77839	40.50	ng		95
28) bis(2-Chloroethoxy)methane	8.18	93	101112	40.05	ng		98
29) 2,4-Dichlorophenol	8.28	162	73557	42.07	ng		89
30) 1,2,4-Trichlorobenzene	8.37	180	78018	38.92	ng		98
31) Naphthalene	8.46	128	272563	41.64	ng		99
32) Benzoic acid	8.20	122	49835	54.28	ng		98
33) 4-Chloroaniline	8.56	127	115552	42.54	ng		98
34) Hexachlorobutadiene	8.62	225	44761	40.66	ng		97
35) Caprolactam	8.98	113	23658	45.33	ng		94
36) 4-Chloro-3-methylphenol	9.17	107	77671	44.03	ng		97
37) 2-Methylnaphthalene	9.32	142	183739	41.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	80027	40.96	ng		99
40) Hexachlorocyclopentadiene	9.52	237	28235	37.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	55189	44.79	ng		97
43) 2,4,5-Trichlorophenol	9.73	196	53947	41.90	ng	#	85
45) 1,1'-Biphenyl	9.90	154	210924	40.89	ng		99
46) 2-Chloronaphthalene	9.92	162	166140	40.94	ng		98
47) 2-Nitroaniline	10.05	65	45675	45.49	ng		97
48) Acenaphthylene	10.42	152	274793	41.93	ng		99
49) Dimethylphthalate	10.30	163	195107	41.18	ng	#	97
50) 2,6-Dinitrotoluene	10.37	165	43613	44.74	ng	#	86
51) Acenaphthene	10.64	154	153812	41.69	ng		98
52) 3-Nitroaniline	10.57	138	51265	46.25	ng		99
53) 2,4-Dinitrophenol	10.70	184	13304	45.80	ng		99
54) Dibenzofuran	10.85	168	237082	42.07	ng		92
55) 4-Nitrophenol	10.81	139	33827m	42.78	ng		
56) 2,4-Dinitrotoluene	10.86	165	57297	45.39	ng		98
57) Fluorene	11.28	166	193919	42.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	43675	45.76	ng		99
59) Diethylphthalate	11.17	149	193345	42.33	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	86669	41.24	ng	#	83
61) 4-Nitroaniline	11.32	138	54849	48.96	ng		92
62) Azobenzene	11.48	77	173685	41.66	ng		91
64) 4,6-Dinitro-2-methylphenol	11.36	198	25138	41.00	ng		87
65) n-Nitrosodiphenylamine	11.44	169	170165	38.35	ng		100
66) 4-Bromophenyl-phenylether	11.89	248	51691	38.05	ng	#	82
67) Hexachlorobenzene	11.94	284	55560	37.32	ng		96
68) Atrazine	12.12	200	53505	41.64	ng		98
69) Pentachlorophenol	12.20	266	28107	46.21	ng		98
70) Phenanthrene	12.45	178	291729	39.32	ng		99
71) Anthracene	12.51	178	296227	40.52	ng		100
72) Carbazole	12.73	167	280884	40.99	ng		99
73) Di-n-butylphthalate	13.20	149	332639	42.85	ng		99
74) Fluoranthene	13.92	202	321467	41.08	ng		93
76) Benzidine	14.11	184	159891	30.27	ng		98
77) Pyrene	14.19	202	342684	39.80	ng		99
79) Butylbenzylphthalate	15.04	149	148991	45.40	ng		95
80) Benzo(a)anthracene	15.68	228	330565	40.51	ng		99
81) 3,3'-Dichlorobenzidine	15.68	252	123975	45.36	ng		99
82) Chrysene	15.72	228	316114	41.23	ng		100
83) Bis(2-ethylhexyl)phthalate	15.78	149	215751	41.92	ng		99
84) Di-n-octyl phthalate	16.58	149	385648m	45.63	ng		
85) Indeno(1,2,3-cd)pyrene	18.72	276	400534	46.04	ng	#	87
87) Benzo(b)fluoranthene	17.00	252	345280	38.70	ng		99
88) Benzo(k)fluoranthene	17.04	252	316796	39.96	ng	#	93
89) Benzo(a)pyrene	17.38	252	314401	40.38	ng	#	94
90) Dibenzo(a,h)anthracene	18.75	278	304963	39.12	ng		99
91) Benzo(g,h,i)perylene	19.08	276	320914m	41.06	ng		

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

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