Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079676.D
Acq On : 3 Jun 2015 23:12
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
6/5/2015 8:06:36 AM

Quant Time: Jun 05 11:46:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 10:52:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	84134	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	332432	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	162642	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	320312	20.00	ng		-0.03
75) Chrysene-d12	15.04	240	356051m	20.00	ng		-0.34
86) Perylene-d12	16.98	264	323762m	20.00	ng		-0.50
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	362864	78.33	ng		-0.01
7) Phenol-d6	7.11	99	518040	85.01	ng		0.00
23) Nitrobenzene-d5	8.07	82	449528	79.47	ng		-0.01
41) 2,4,6-Tribromophenol	11.38	330	108237	80.63	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	955569	89.28	ng		0.00
78) Terphenyl-d14	13.77	244	1196978	85.30	ng		-0.18
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	84131	39.21	ng		97
3) Pyridine	4.30	79	269571	43.71	ng		92
4) n-Nitrosodimethylamine	4.23	42	116092	42.22	ng		98
6) Aniline	7.18	93	338171	38.67	ng		99
8) 2-Chlorophenol	7.30	128	218324	40.47	ng		97
9) Benzaldehyde	7.06	77	149081	42.20	ng		98
10) Phenol	7.12	94	280669	42.95	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	207544	39.85	ng		96
12) 1,3-Dichlorobenzene	7.46	146	251521	40.78	ng		98
13) 1,4-Dichlorobenzene	7.54	146	249690	39.59	ng		98
14) 1,2-Dichlorobenzene	7.69	146	234623m	41.09	ng		
15) Benzyl Alcohol	7.63	79	177636	39.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.78	45	347369	40.00	ng		98
17) 2-Methylphenol	7.74	107	181122	40.67	ng		96
18) Hexachloroethane	8.04	117	85934	41.62	ng		94
19) n-Nitroso-di-n-propylamine	7.91	70	176865	42.41	ng		97
20) 3+4-Methylphenols	7.88	107	235277	39.89	ng		97
22) Acetophenone	7.92	105	295309	37.96	ng	#	97
24) Nitrobenzene	8.09	77	235475	42.27	ng		98
25) Isophorone	8.33	82	455075	40.17	ng		99
26) 2-Nitrophenol	8.41	139	73531	39.97	ng		91
27) 2,4-Dimethylphenol	8.42	122	181854m	35.07	ng		
28) bis(2-Chloroethoxy)methane	8.52	93	261784	40.21	ng		99
29) 2,4-Dichlorophenol	8.65	162	187705	40.59	ng		96
30) 1,2,4-Trichlorobenzene	8.75	180	199759	38.33	ng		98
31) Naphthalene	8.83	128	679080	39.07	ng		99
32) Benzoic acid	8.48	122	58768m	41.86	ng		
33) 4-Chloroaniline	8.87	127	365194	38.64	ng		97
34) Hexachlorobutadiene	8.95	225	119108	40.77	ng		95
35) Caprolactam	9.20	113	50504	39.67	ng	#	55
36) 4-Chloro-3-methylphenol	9.32	107	189699	40.19	ng		93
37) 2-Methylnaphthalene	9.53	142	464591	40.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	213507	40.91	ng		98
40) Hexachlorocyclopentadiene	9.69	237	87728	35.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	119361	42.05	ng		99
43) 2,4,5-Trichlorophenol	9.84	196	140699	44.75	ng	#	94
45) 1,1'-Biphenyl	9.99	154	513622	40.95	ng		94
46) 2-Chloronaphthalene	10.02	162	404616	41.18	ng	#	89
47) 2-Nitroaniline	10.10	65	96660	47.77	ng		87
48) Acenaphthylene	10.44	152	676489	41.53	ng		99
49) Dimethylphthalate	10.27	163	522796	43.87	ng		99
50) 2,6-Dinitrotoluene	10.34	165	86357	45.62	ng		87
51) Acenaphthene	10.63	154	396216	40.14	ng		97
52) 3-Nitroaniline	10.51	138	110405	47.28	ng		95
53) 2,4-Dinitrophenol	10.62	184	20191	37.51	ng	#	1
54) Dibenzofuran	10.80	168	582798	40.68	ng		94
55) 4-Nitrophenol	10.64	139	75822	40.26	ng	#	51
56) 2,4-Dinitrotoluene	10.75	165	91434	40.32	ng	#	81
57) Fluorene	11.14	166	496125	42.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.90	232	101298	46.49	ng		98
59) Diethylphthalate	10.98	149	520120	45.45	ng		97
60) 4-Chlorophenyl-phenylether	11.12	204	220835	41.79	ng	#	81
61) 4-Nitroaniline	11.13	138	117324	50.93	ng		90
62) Azobenzene	11.28	77	439258	41.05	ng		92
64) 4,6-Dinitro-2-methylphenol	11.16	198	32359	36.98	ng	#	68
65) n-Nitrosodiphenylamine	11.23	169	427518	42.51	ng		99
66) 4-Bromophenyl-phenylether	11.62	248	147342	45.84	ng	#	82
67) Hexachlorobenzene	11.70	284	150616	39.88	ng	#	77
68) Atrazine	11.75	200	108267	42.03	ng		96
69) Pentachlorophenol	11.89	266	58864	42.55	ng		98
70) Phenanthrene	12.13	178	767807	43.36	ng		99
71) Anthracene	12.18	178	739791	41.52	ng		99
72) Carbazole	12.32	167	689759	42.16	ng		98
73) Di-n-butylphthalate	12.64	149	836361	46.64	ng	#	81
74) Fluoranthene	13.38	202	819584	42.92	ng		93
76) Benzidine	13.49	184	385713m	47.62	ng		
77) Pyrene	13.63	202	842583	41.10	ng		100
79) Butylbenzylphthalate	14.31	149	316847	45.33	ng	#	75
80) Benzo(a)anthracene	15.03	228	833351m	42.80	ng		
81) 3,3'-Dichlorobenzidine	14.96	252	269545m	46.34	ng		
82) Chrysene	15.07	228	771373m	39.38	ng		
83) Bis(2-ethylhexyl)phthalate	14.98	149	512111m	44.11	ng		
84) Di-n-octyl phthalate	15.77	149	811643m	47.09	ng		
85) Indeno(1,2,3-cd)pyrene	19.01	276	868744m	45.35	ng		
87) Benzo(b)fluoranthene	16.40	252	797758m	47.68	ng		
88) Benzo(k)fluoranthene	16.45	252	747344m	38.13	ng		
89) Benzo(a)pyrene	16.90	252	727218m	44.45	ng		
90) Dibenzo(a,h)anthracene	19.03	278	712128m	46.46	ng		
91) Benzo(g,h,i)perylene	19.61	276	724522m	44.56	ng		

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

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