Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087744.D
Acq On : 6 Jun 2016 11:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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6/6/2016 7:29:32 PM

Quant Time: Jun 06 16:20:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126115	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	490420	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	237811	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	418853	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	307919	20.00	ng		-0.01
86) Perylene-d12	15.43	264	260341	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	558671	71.60	ng		-0.01
7) Phenol-d6	6.49	99	746141	76.25	ng		0.00
23) Nitrobenzene-d5	7.42	82	697533	82.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	200118	83.83	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1285588	82.05	ng		-0.01
78) Terphenyl-d14	12.96	244	1003634	79.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	139823	37.07	ng	#	31
3) Pyridine	3.18	79	361079	36.24	ng		97
4) n-Nitrosodimethylamine	3.12	42	149609	35.54	ng		92
6) Aniline	6.51	93	492890	35.54	ng		97
8) 2-Chlorophenol	6.64	128	359662	40.06	ng		87
9) Benzaldehyde	6.40	77	230662	34.87	ng		97
10) Phenol	6.50	94	455078	40.84	ng		82
11) bis(2-Chloroethyl)ether	6.59	93	326507	40.33	ng		89
12) 1,3-Dichlorobenzene	6.79	146	350060	36.42	ng		98
13) 1,4-Dichlorobenzene	6.87	146	343631	35.62	ng		98
14) 1,2-Dichlorobenzene	7.03	146	355917	39.36	ng		97
15) Benzyl Alcohol	6.99	79	264492	36.59	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	440124	37.28	ng		92
17) 2-Methylphenol	7.11	107	270208	37.48	ng		98
18) Hexachloroethane	7.37	117	135407	40.14	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	242893	39.74	ng		90
20) 3+4-Methylphenols	7.27	107	314221	35.57	ng	#	81
22) Acetophenone	7.27	105	411453	37.04	ng	#	87
24) Nitrobenzene	7.44	77	341694	40.28	ng		91
25) Isophorone	7.68	82	609486	39.50	ng		98
26) 2-Nitrophenol	7.76	139	199859	50.70	ng	#	73
27) 2,4-Dimethylphenol	7.79	122	311656	38.15	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	421834	43.09	ng		98
29) 2,4-Dichlorophenol	8.00	162	299990	44.71	ng		92
30) 1,2,4-Trichlorobenzene	8.08	180	283829	40.40	ng		100
31) Naphthalene	8.16	128	912330	38.26	ng		99
32) Benzoic acid	7.92	122	207272m	42.06	ng		
33) 4-Chloroaniline	8.20	127	409149	39.50	ng		99
34) Hexachlorobutadiene	8.28	225	157408	43.09	ng		98
35) Caprolactam	8.59	113	86517	39.25	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	307469	44.30	ng		94
37) 2-Methylnaphthalene	8.86	142	642505	40.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	251371	38.35	ng	#	1
40) Hexachlorocyclopentadiene	9.00	237	155860	40.43	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	211564	42.74	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	176848	38.39	ng	#	88
45) 1,1'-Biphenyl	9.31	154	712046	36.89	ng		100
46) 2-Chloronaphthalene	9.34	162	576496	37.52	ng		99
47) 2-Nitroaniline	9.44	65	188552	43.59	ng	#	64
48) Acenaphthylene	9.76	152	977840	40.81	ng		99
49) Dimethylphthalate	9.62	163	649563	37.57	ng		100
50) 2,6-Dinitrotoluene	9.68	165	158418	40.27	ng	#	75
51) Acenaphthene	9.93	154	626599	40.65	ng		99
52) 3-Nitroaniline	9.85	138	201132	44.70	ng		83
53) 2,4-Dinitrophenol	9.94	184	71270	41.87	ng	#	83
54) Dibenzofuran	10.10	168	865920	41.26	ng		97
55) 4-Nitrophenol	10.00	139	131482	34.19	ng		96
56) 2,4-Dinitrotoluene	10.08	165	206835	41.29	ng	#	74
57) Fluorene	10.44	166	607628	37.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	161780	40.77	ng	#	54
59) Diethylphthalate	10.32	149	675871	38.93	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	264574	40.08	ng		100
61) 4-Nitroaniline	10.46	138	162654	37.60	ng		96
62) Azobenzene	10.59	77	702070	40.17	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	108926	46.84	ng	#	51
65) n-Nitrosodiphenylamine	10.55	169	566866	41.32	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	188958	45.50	ng		98
67) Hexachlorobenzene	10.98	284	181028	38.98	ng		98
68) Atrazine	11.08	200	189862	46.72	ng		96
69) Pentachlorophenol	11.18	266	113884	41.27	ng		99
70) Phenanthrene	11.39	178	870557	38.33	ng		100
71) Anthracene	11.45	178	914064	40.17	ng		100
72) Carbazole	11.60	167	832927	38.67	ng		99
73) Di-n-butylphthalate	11.94	149	1044283	45.22	ng		100
74) Fluoranthene	12.58	202	906310	40.55	ng		99
76) Benzidine	12.71	184	444310	36.59	ng		98
77) Pyrene	12.81	202	900064	41.05	ng		100
79) Butylbenzylphthalate	13.44	149	432412	46.34	ng		88
80) Benzo(a)anthracene	14.00	228	695589	39.14	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	239311	47.73	ng		98
82) Chrysene	14.03	228	710456	40.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	526194	47.38	ng	#	96
84) Di-n-octyl phthalate	14.61	149	877248	42.49	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	652644	44.64	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	753781m	44.51	ng		
88) Benzo(k)fluoranthene	15.05	252	476318m	33.80	ng		
89) Benzo(a)pyrene	15.37	252	589538	41.41	ng	#	97
90) Dibenzo(a,h)anthracene	16.83	278	538910	44.48	ng		99
91) Benzo(g,h,i)perylene	17.25	276	560188	45.83	ng	#	94

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

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