Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
Data File : BF086614.D
Acq On : 2 May 2016 13:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
5/3/2016 6:43:05 PM

Quant Time: May 03 01:13:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	184720	20.00	ng		-0.05
21) Naphthalene-d8	8.04	136	761444	20.00	ng		-0.06
38) Acenaphthene-d10	9.80	164	377427	20.00	ng		-0.05
63) Phenanthrene-d10	11.28	188	693267	20.00	ng		-0.05
75) Chrysene-d12	13.91	240	484178	20.00	ng		-0.06
86) Perylene-d12	15.29	264	388867	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	858372	80.15	ng		-0.04
7) Phenol-d6	6.41	99	1224670	81.94	ng		-0.03
23) Nitrobenzene-d5	7.33	82	1243712	88.04	ng		-0.05
41) 2,4,6-Tribromophenol	10.59	330	339955	85.41	ng		-0.05
44) 2-Fluorobiphenyl	9.13	172	1883064	87.97	ng		-0.05
78) Terphenyl-d14	12.86	244	1929017	87.77	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	217296	38.63	ng	#	78
3) Pyridine	2.99	79	504185	37.87	ng	#	75
4) n-Nitrosodimethylamine	2.94	42	356277	46.95	ng	#	56
6) Aniline	6.43	93	701329	38.78	ng		94
8) 2-Chlorophenol	6.54	128	533028	39.96	ng		93
9) Benzaldehyde	6.30	77	258335	29.71	ng		95
10) Phenol	6.42	94	719819	43.17	ng	#	66
11) bis(2-Chloroethyl)ether	6.50	93	565727	39.24	ng		88
12) 1,3-Dichlorobenzene	6.69	146	548263m	38.21	ng		
13) 1,4-Dichlorobenzene	6.77	146	555602m	37.53	ng		
14) 1,2-Dichlorobenzene	6.93	146	533304	39.28	ng		97
15) Benzyl Alcohol	6.91	79	382260	40.43	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1126840	39.05	ng		89
17) 2-Methylphenol	7.02	107	413862	38.39	ng	#	92
18) Hexachloroethane	7.26	117	219122	39.61	ng		93
19) n-Nitroso-di-n-propylamine	7.18	70	362467	36.69	ng	#	69
20) 3+4-Methylphenols	7.18	107	520740	42.30	ng	#	79
22) Acetophenone	7.17	105	702526	42.08	ng	#	90
24) Nitrobenzene	7.34	77	586859	40.38	ng		94
25) Isophorone	7.60	82	1129994	41.56	ng		97
26) 2-Nitrophenol	7.66	139	299164	44.71	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	481231	40.99	ng		90
28) bis(2-Chloroethoxy)methane	7.80	93	586568	39.60	ng		98
29) 2,4-Dichlorophenol	7.90	162	418635	42.26	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	463728	40.36	ng		96
31) Naphthalene	8.06	128	1427720	36.85	ng		99
32) Benzoic acid	7.85	122	264854	39.22	ng		86
33) 4-Chloroaniline	8.12	127	612124	42.19	ng	#	93
34) Hexachlorobutadiene	8.19	225	271923	42.21	ng		99
35) Caprolactam	8.51	113	146974	44.48	ng	#	65
36) 4-Chloro-3-methylphenol	8.61	107	504484	44.48	ng		94
37) 2-Methylnaphthalene	8.76	142	969055	42.39	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	399076	36.94	ng		98
40) Hexachlorocyclopentadiene	8.91	237	216527	40.33	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	271390	39.74	ng		95
43) 2,4,5-Trichlorophenol	9.08	196	309729	41.61	ng	#	89
45) 1,1'-Biphenyl	9.23	154	1213143	38.45	ng		99
46) 2-Chloronaphthalene	9.25	162	932496	38.88	ng		98
47) 2-Nitroaniline	9.34	65	334271	43.46	ng	#	77
48) Acenaphthylene	9.66	152	1457549	38.87	ng		100
49) Dimethylphthalate	9.53	163	1095879	38.57	ng		99
50) 2,6-Dinitrotoluene	9.60	165	264615	45.08	ng	#	77
51) Acenaphthene	9.84	154	1003450	41.67	ng		98
52) 3-Nitroaniline	9.76	138	275584	41.28	ng		81
53) 2,4-Dinitrophenol	9.87	184	113431	39.71	ng		90
54) Dibenzofuran	10.01	168	1174170	39.01	ng		97
55) 4-Nitrophenol	9.93	139	177267	40.55	ng	#	70
56) 2,4-Dinitrotoluene	10.00	165	333481	44.57	ng		89
57) Fluorene	10.35	166	946484	36.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	233517	40.13	ng		97
59) Diethylphthalate	10.22	149	1021306	37.97	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	456212	38.45	ng		93
61) 4-Nitroaniline	10.37	138	261592	40.09	ng	#	75
62) Azobenzene	10.50	77	1231953	41.81	ng		89
64) 4,6-Dinitro-2-methylphenol	10.40	198	171820	42.22	ng	#	35
65) n-Nitrosodiphenylamine	10.46	169	873009	40.29	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	297336	41.62	ng	#	83
67) Hexachlorobenzene	10.89	284	302647	36.60	ng	#	73
68) Atrazine	10.99	200	264201	40.61	ng		95
69) Pentachlorophenol	11.08	266	175661	40.29	ng		98
70) Phenanthrene	11.30	178	1306251	35.90	ng		99
71) Anthracene	11.36	178	1620170	41.73	ng		99
72) Carbazole	11.50	167	1352958	39.32	ng		98
73) Di-n-butylphthalate	11.85	149	1697172	43.53	ng		99
74) Fluoranthene	12.49	202	1549092	42.18	ng		92
76) Benzidine	12.61	184	514486	30.92	ng		98
77) Pyrene	12.70	202	1437349	41.20	ng		99
79) Butylbenzylphthalate	13.33	149	645556	42.73	ng	#	72
80) Benzo(a)anthracene	13.89	228	1058505	41.00	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	722824	41.89	ng	#	95
82) Chrysene	13.94	228	1182102	42.13	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	757055	40.36	ng	#	96
84) Di-n-octyl phthalate	14.50	149	1309799	44.59	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.63	276	829630	39.90	ng		96
87) Benzo(b)fluoranthene	14.91	252	1061264m	46.39	ng		
88) Benzo(k)fluoranthene	14.93	252	798155m	33.45	ng		
89) Benzo(a)pyrene	15.24	252	858921	39.77	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	689837	39.03	ng		97
91) Benzo(g,h,i)perylene	17.03	276	682721	38.54	ng	#	92

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

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