Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087027.D
Acq On : 14 May 2016 18:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 14:42:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	165094	20.00	ng		-0.08
21) Naphthalene-d8	7.91	136	668957	20.00	ng		-0.08
38) Acenaphthene-d10	9.66	164	312045	20.00	ng		-0.08
63) Phenanthrene-d10	11.13	188	582815	20.00	ng		-0.08
75) Chrysene-d12	13.76	240	354485	20.00	ng		-0.08
86) Perylene-d12	15.11	264	349104	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	780806	80.09	ng		-0.09
7) Phenol-d6	6.28	99	943197	72.39	ng		-0.08
23) Nitrobenzene-d5	7.20	82	1130587	84.86	ng		-0.07
41) 2,4,6-Tribromophenol	10.44	330	266088	80.55	ng		-0.08
44) 2-Fluorobiphenyl	8.98	172	1424102	76.70	ng		-0.08
78) Terphenyl-d14	12.71	244	1403656	84.01	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	207849	43.43	ng	#	74
3) Pyridine	2.70	79	503424	43.03	ng	#	65
4) n-Nitrosodimethylamine	2.66	42	353663	41.68	ng	#	48
6) Aniline	6.28	93	613102	38.91	ng		89
8) 2-Chlorophenol	6.41	128	456931	38.84	ng		97
9) Benzaldehyde	6.16	77	286873	38.02	ng		98
10) Phenol	6.30	94	549502	35.48	ng	#	68
11) bis(2-Chloroethyl)ether	6.36	93	500937	41.49	ng		91
12) 1,3-Dichlorobenzene	6.55	146	465796m	36.59	ng		
13) 1,4-Dichlorobenzene	6.63	146	487118m	37.52	ng		
14) 1,2-Dichlorobenzene	6.79	146	456327	40.33	ng		99
15) Benzyl Alcohol	6.78	79	360413	40.06	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.90	45	985470	37.54	ng		64
17) 2-Methylphenol	6.90	107	343420	36.69	ng	#	77
18) Hexachloroethane	7.12	117	184882	37.85	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	365515	40.14	ng	#	67
20) 3+4-Methylphenols	7.06	107	477960	39.10	ng	#	61
22) Acetophenone	7.04	105	624909	39.55	ng	#	96
24) Nitrobenzene	7.21	77	551643	40.25	ng		96
25) Isophorone	7.45	82	935990	37.87	ng		97
26) 2-Nitrophenol	7.53	139	248828	41.31	ng	#	90
27) 2,4-Dimethylphenol	7.59	122	426810	41.59	ng		91
28) bis(2-Chloroethoxy)methane	7.67	93	504592	37.84	ng	#	98
29) 2,4-Dichlorophenol	7.78	162	364201	40.32	ng		95
30) 1,2,4-Trichlorobenzene	7.85	180	405556	40.16	ng		98
31) Naphthalene	7.93	128	1308862	39.06	ng		100
32) Benzoic acid	7.74	122	187588	31.12	ng	#	80
33) 4-Chloroaniline	7.99	127	504630	38.76	ng	#	91
34) Hexachlorobutadiene	8.04	225	235845	40.25	ng		99
35) Caprolactam	8.39	113	123859	40.31	ng		93
36) 4-Chloro-3-methylphenol	8.49	107	411744	37.59	ng		90
37) 2-Methylnaphthalene	8.62	142	826842	42.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	363409	40.06	ng		99
40) Hexachlorocyclopentadiene	8.76	237	114787	26.66	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	236450	38.97	ng		95
43) 2,4,5-Trichlorophenol	8.95	196	239989	38.25	ng	#	80
45) 1,1'-Biphenyl	9.08	154	1081103	43.56	ng		98
46) 2-Chloronaphthalene	9.11	162	827008	42.53	ng		99
47) 2-Nitroaniline	9.21	65	274734	38.66	ng	#	70
48) Acenaphthylene	9.52	152	1208234	42.24	ng		99
49) Dimethylphthalate	9.39	163	913031	38.35	ng		100
50) 2,6-Dinitrotoluene	9.46	165	216178	43.15	ng	#	74
51) Acenaphthene	9.69	154	770039	43.28	ng		99
52) 3-Nitroaniline	9.63	138	227551	43.14	ng		88
53) 2,4-Dinitrophenol	9.74	184	27460	17.39	ng	#	60
54) Dibenzofuran	9.86	168	951218	41.65	ng		98
55) 4-Nitrophenol	9.82	139	107598m	33.41	ng		
56) 2,4-Dinitrotoluene	9.86	165	262112	42.27	ng		93
57) Fluorene	10.19	166	762954	39.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	182330	38.60	ng		98
59) Diethylphthalate	10.09	149	954799	41.16	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	355672	41.06	ng		99
61) 4-Nitroaniline	10.24	138	196824	38.85	ng	#	66
62) Azobenzene	10.35	77	1065468	42.57	ng		87
64) 4,6-Dinitro-2-methylphenol	10.27	198	69709	19.25	ng		88
65) n-Nitrosodiphenylamine	10.32	169	715853	39.98	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	248825	42.11	ng	#	81
67) Hexachlorobenzene	10.74	284	264459	38.29	ng	#	77
68) Atrazine	10.86	200	254725	42.59	ng		95
69) Pentachlorophenol	10.95	266	101979	31.95	ng		97
70) Phenanthrene	11.15	178	1224655	39.38	ng		100
71) Anthracene	11.20	178	1241991	39.05	ng		99
72) Carbazole	11.37	167	1107373	40.50	ng		99
73) Di-n-butylphthalate	11.70	149	1283531	38.44	ng	#	98
74) Fluoranthene	12.33	202	1125778	35.19	ng		98
76) Benzidine	12.47	184	263286	29.13	ng		97
77) Pyrene	12.56	202	1184602	43.65	ng		100
79) Butylbenzylphthalate	13.19	149	502671	43.79	ng	#	67
80) Benzo(a)anthracene	13.75	228	846364	42.53	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	483582	38.25	ng		99
82) Chrysene	13.78	228	867665	42.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	639412	46.31	ng	#	96
84) Di-n-octyl phthalate	14.37	149	1065174	46.57	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.37	276	904611	53.71	ng		95
87) Benzo(b)fluoranthene	14.74	252	744678m	32.82	ng		
88) Benzo(k)fluoranthene	14.78	252	823652m	44.34	ng		
89) Benzo(a)pyrene	15.06	252	769663	39.33	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	752446	45.62	ng	#	94
91) Benzo(g,h,i)perylene	16.73	276	772481	46.09	ng		96

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

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