Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095109.D
Acq On : 12 May 2017 13:36
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 12 18:03:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	128864	20.00	ng		-0.03
21) Naphthalene-d8	9.72	136	543013	20.00	ng		-0.03
38) Acenaphthene-d10	12.55	164	241243	20.00	ng		-0.04
63) Phenanthrene-d10	14.95	188	439625	20.00	ng		-0.03
75) Chrysene-d12	18.63	240	348267	20.00	ng		-0.02
86) Perylene-d12	20.29	264	284622	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	668663	86.51	ng		-0.04
7) Phenol-d6	7.25	99	769717	83.00	ng		-0.03
23) Nitrobenzene-d5	8.61	82	701061	81.41	ng		-0.02
41) 2,4,6-Tribromophenol	13.85	330	156898	79.41	ng		-0.03
44) 2-Fluorobiphenyl	11.50	172	1252365	74.72	ng		-0.03
78) Terphenyl-d14	17.28	244	1213824	76.77	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	160344	42.30	ng		95
3) Pyridine	2.71	79	377747	43.00	ng		99
4) n-Nitrosodimethylamine	2.65	42	154019	42.06	ng		86
6) Aniline	7.21	93	515771	44.05	ng		97
8) 2-Chlorophenol	7.40	128	389329	44.25	ng		94
9) Benzaldehyde	7.02	77	212980	37.61	ng		96
10) Phenol	7.27	94	394556	40.37	ng		92
11) bis(2-Chloroethyl)ether	7.34	93	331976	41.15	ng		95
12) 1,3-Dichlorobenzene	7.60	146	383608	38.44	ng		99
13) 1,4-Dichlorobenzene	7.72	146	420787	41.58	ng		96
14) 1,2-Dichlorobenzene	7.96	146	399765	42.32	ng		97
15) Benzyl Alcohol	8.00	79	283408	47.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	453417	39.71	ng		93
17) 2-Methylphenol	8.21	107	317601	44.11	ng		96
18) Hexachloroethane	8.48	117	140717	41.04	ng	#	86
19) n-Nitroso-di-n-propylamine	8.42	70	266016	42.41	ng		93
20) 3+4-Methylphenols	8.46	107	401650	41.05	ng	#	59
22) Acetophenone	8.38	105	518460	39.79	ng	#	84
24) Nitrobenzene	8.64	77	370674	41.07	ng		93
25) Isophorone	9.04	82	619817	40.31	ng		95
26) 2-Nitrophenol	9.14	139	207483	42.60	ng		98
27) 2,4-Dimethylphenol	9.28	122	317254	40.29	ng		97
28) bis(2-Chloroethoxy)methane	9.41	93	422583	39.73	ng		99
29) 2,4-Dichlorophenol	9.57	162	292697	39.37	ng		99
30) 1,2,4-Trichlorobenzene	9.65	180	316605	39.75	ng		98
31) Naphthalene	9.76	128	1076255	39.44	ng		99
32) Benzoic acid	9.64	122	180383	36.28	ng		98
33) 4-Chloroaniline	9.90	127	431524	42.43	ng		94
34) Hexachlorobutadiene	9.97	225	157281	37.42	ng		96
35) Caprolactam	10.54	113	94283m	42.23	ng		
36) 4-Chloro-3-methylphenol	10.75	107	331659	41.72	ng		88
37) 2-Methylnaphthalene	10.88	142	720220	40.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	290012	39.09	ng		100
40) Hexachlorocyclopentadiene	11.14	237	130776	44.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.38	196	200773	40.53	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	204012	38.32	ng	#	92
45) 1,1'-Biphenyl	11.65	154	803636	39.57	ng		98
46) 2-Chloronaphthalene	11.67	162	651628	39.73	ng		95
47) 2-Nitroaniline	11.88	65	194790	43.39	ng	#	82
48) Acenaphthylene	12.32	152	1020681	39.73	ng		99
49) Dimethylphthalate	12.20	163	758265	38.29	ng		99
50) 2,6-Dinitrotoluene	12.29	165	158431	39.21	ng		95
51) Acenaphthene	12.61	154	598023	38.98	ng		100
52) 3-Nitroaniline	12.57	138	188468	43.46	ng		86
53) 2,4-Dinitrophenol	12.77	184	73465	36.68	ng	#	66
54) Dibenzofuran	12.89	168	777292	36.61	ng		98
55) 4-Nitrophenol	12.97	139	90402m	34.71	ng		
56) 2,4-Dinitrotoluene	12.96	165	201590	38.83	ng	#	89
57) Fluorene	13.45	166	657475	35.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	131415	39.22	ng	#	93
59) Diethylphthalate	13.35	149	673243	35.47	ng		100
60) 4-Chlorophenyl-phenylether	13.47	204	295048	36.36	ng		91
61) 4-Nitroaniline	13.57	138	155493	39.06	ng		98
62) Azobenzene	13.73	77	590825	38.73	ng		95
64) 4,6-Dinitro-2-methylphenol	13.62	198	109490	37.15	ng	#	70
65) n-Nitrosodiphenylamine	13.68	169	587351	36.81	ng		98
66) 4-Bromophenyl-phenylether	14.26	248	178368	38.40	ng		97
67) Hexachlorobenzene	14.34	284	186298	39.14	ng	#	86
68) Atrazine	14.60	200	171479	38.06	ng		97
69) Pentachlorophenol	14.70	266	70913	36.40	ng		100
70) Phenanthrene	14.99	178	979281	38.77	ng		98
71) Anthracene	15.08	178	1023031	39.65	ng		98
72) Carbazole	15.36	167	910474	38.78	ng		98
73) Di-n-butylphthalate	15.92	149	1164333	39.77	ng		99
74) Fluoranthene	16.74	202	1055922	40.75	ng		99
76) Benzidine	16.96	184	363098	39.85	ng		95
77) Pyrene	17.04	202	1086889	41.73	ng		99
79) Butylbenzylphthalate	17.94	149	496792	41.01	ng		89
80) Benzo(a)anthracene	18.62	228	809670	39.95	ng		98
81) 3,3'-Dichlorobenzidine	18.59	252	274536	39.22	ng	#	95
82) Chrysene	18.66	228	787607	40.19	ng		99
83) Bis(2-ethylhexyl)phthalate	18.68	149	666205	38.59	ng	#	99
84) Di-n-octyl phthalate	19.45	149	986361	34.85	ng		96
85) Indeno(1,2,3-cd)pyrene	21.58	276	591641	37.17	ng		99
87) Benzo(b)fluoranthene	19.89	252	643648	36.60	ng		99
88) Benzo(k)fluoranthene	19.91	252	656313	38.69	ng	#	95
89) Benzo(a)pyrene	20.24	252	633189	39.02	ng		99
90) Dibenzo(a,h)anthracene	21.59	278	518996	38.72	ng		98
91) Benzo(g,h,i)perylene	21.95	276	526910	40.06	ng		98

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

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