Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089390.D
Acq On : 29 Jul 2016 4:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 29 07:13:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	54041	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	212099	20.00	ng		-0.01
38) Acenaphthene-d10	9.56	164	82621	20.00	ng		-0.01
63) Phenanthrene-d10	11.03	188	135227	20.00	ng		-0.02
75) Chrysene-d12	13.66	240	102692	20.00	ng		-0.01
86) Perylene-d12	14.98	264	93597	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	273197	80.72	ng		-0.01
7) Phenol-d6	6.19	99	344179	76.95	ng		-0.01
23) Nitrobenzene-d5	7.11	82	307570	85.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.34	330	47348	69.19	ng		-0.02
44) 2-Fluorobiphenyl	8.90	172	510418	90.66	ng		-0.01
78) Terphenyl-d14	12.62	244	318266	72.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	58383	37.89	ng		99
3) Pyridine	2.52	79	137400	41.49	ng		99
4) n-Nitrosodimethylamine	2.49	42	52960	40.32	ng		94
6) Aniline	6.19	93	203963	42.23	ng		92
8) 2-Chlorophenol	6.32	128	150392	39.28	ng		95
9) Benzaldehyde	6.07	77	90680	41.52	ng		96
10) Phenol	6.20	94	194934	39.49	ng		93
11) bis(2-Chloroethyl)ether	6.27	93	153398	36.58	ng		91
12) 1,3-Dichlorobenzene	6.47	146	158623m	39.61	ng		
13) 1,4-Dichlorobenzene	6.55	146	169071	38.26	ng		94
14) 1,2-Dichlorobenzene	6.70	146	154609m	37.35	ng		
15) Benzyl Alcohol	6.68	79	111415	40.14	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.82	45	171252	37.44	ng		99
17) 2-Methylphenol	6.81	107	107825	36.44	ng		95
18) Hexachloroethane	7.04	117	56776	33.51	ng	#	83
19) n-Nitroso-di-n-propylamine	6.97	70	106830	39.61	ng		97
20) 3+4-Methylphenols	6.97	107	148231	39.01	ng		91
22) Acetophenone	6.96	105	216969	42.97	ng	#	97
24) Nitrobenzene	7.13	77	152490	37.29	ng		94
25) Isophorone	7.37	82	283302	39.14	ng		97
26) 2-Nitrophenol	7.44	139	72517	39.66	ng	#	87
27) 2,4-Dimethylphenol	7.50	122	122064	41.91	ng		99
28) bis(2-Chloroethoxy)methane	7.59	93	179370	44.77	ng		99
29) 2,4-Dichlorophenol	7.69	162	116015	43.71	ng		99
30) 1,2,4-Trichlorobenzene	7.76	180	118709	39.20	ng	#	95
31) Naphthalene	7.84	128	426954	40.65	ng		100
32) Benzoic acid	7.66	122	69890	34.43	ng		99
33) 4-Chloroaniline	7.90	127	156897	39.24	ng	#	89
34) Hexachlorobutadiene	7.96	225	68527	39.51	ng		97
35) Caprolactam	8.28	113	28873	36.04	ng		99
36) 4-Chloro-3-methylphenol	8.40	107	125783	39.87	ng		98
37) 2-Methylnaphthalene	8.52	142	232064	36.67	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	135314	46.80	ng		99
40) Hexachlorocyclopentadiene	8.68	237	3912	13.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	62713	45.62	ng		100
43) 2,4,5-Trichlorophenol	8.86	196	69510	39.92	ng	#	82
45) 1,1'-Biphenyl	8.99	154	324510	46.13	ng		97
46) 2-Chloronaphthalene	9.02	162	235753	44.62	ng		95
47) 2-Nitroaniline	9.12	65	69971	44.72	ng	#	78
48) Acenaphthylene	9.42	152	341372	41.02	ng		99
49) Dimethylphthalate	9.30	163	261272	41.55	ng		99
50) 2,6-Dinitrotoluene	9.37	165	53023	41.04	ng	#	80
51) Acenaphthene	9.59	154	191054	39.32	ng		99
52) 3-Nitroaniline	9.53	138	59418	43.58	ng	#	75
53) 2,4-Dinitrophenol	9.67	184	2673	12.06	ng	#	46
54) Dibenzofuran	9.76	168	260360	39.32	ng		95
55) 4-Nitrophenol	9.72	139	22536m	37.50	ng		
56) 2,4-Dinitrotoluene	9.77	165	67013	39.40	ng	#	71
57) Fluorene	10.10	166	213534	36.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	43723	37.61	ng		96
59) Diethylphthalate	10.00	149	280434	43.99	ng		97
60) 4-Chlorophenyl-phenylether	10.10	204	109968	41.48	ng	#	85
61) 4-Nitroaniline	10.15	138	54838	39.02	ng		85
62) Azobenzene	10.26	77	258170	39.32	ng		92
64) 4,6-Dinitro-2-methylphenol	10.18	198	6992	12.13	ng		98
65) n-Nitrosodiphenylamine	10.23	169	195645	46.37	ng		98
66) 4-Bromophenyl-phenylether	10.58	248	55813	43.23	ng	#	70
67) Hexachlorobenzene	10.65	284	56625	42.80	ng	#	81
68) Atrazine	10.75	200	48120	37.12	ng		95
69) Pentachlorophenol	10.84	266	24210	40.97	ng		98
70) Phenanthrene	11.05	178	263631	37.80	ng		100
71) Anthracene	11.11	178	308391	39.77	ng		100
72) Carbazole	11.27	167	260263	39.87	ng		98
73) Di-n-butylphthalate	11.61	149	364173	41.58	ng		99
74) Fluoranthene	12.23	202	266816	36.37	ng		95
76) Benzidine	12.38	184	141281	37.23	ng		98
77) Pyrene	12.46	202	285476	36.68	ng		99
79) Butylbenzylphthalate	13.10	149	138158	39.04	ng	#	86
80) Benzo(a)anthracene	13.65	228	240112	41.43	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	93514	44.84	ng	#	95
82) Chrysene	13.68	228	252583	40.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	195167	38.16	ng	#	97
84) Di-n-octyl phthalate	14.26	149	345386	43.27	ng		99
85) Indeno(1,2,3-cd)pyrene	16.18	276	192795	43.96	ng		99
87) Benzo(b)fluoranthene	14.64	252	234884m	40.41	ng		
88) Benzo(k)fluoranthene	14.66	252	212032m	39.68	ng		
89) Benzo(a)pyrene	14.94	252	212722	40.80	ng	#	95
90) Dibenzo(a,h)anthracene	16.18	278	163056	39.70	ng		99
91) Benzo(g,h,i)perylene	16.53	276	151994	37.64	ng		99

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

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