Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089392.D
Acq On : 29 Jul 2016 5:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 29 07:17:29 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	54914	20.00	ng		-0.02
21) Naphthalene-d8	7.82	136	213610	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	80356	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	127720	20.00	ng		-0.02
75) Chrysene-d12	13.66	240	101424	20.00	ng		-0.01
86) Perylene-d12	14.98	264	91468	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	277799	80.77	ng		-0.01
7) Phenol-d6	6.19	99	340890	75.00	ng		-0.01
23) Nitrobenzene-d5	7.11	82	306152	84.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.34	330	47316	71.10	ng		-0.02
44) 2-Fluorobiphenyl	8.90	172	505940	92.40	ng		-0.01
78) Terphenyl-d14	12.62	244	302157	69.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	58378	37.22	ng		98
3) Pyridine	2.52	79	145219	43.16	ng		98
4) n-Nitrosodimethylamine	2.49	42	57263	42.41	ng		94
6) Aniline	6.19	93	201771	41.11	ng		90
8) 2-Chlorophenol	6.32	128	147176	37.83	ng		96
9) Benzaldehyde	6.07	77	90489	40.77	ng		96
10) Phenol	6.20	94	200445	39.97	ng		91
11) bis(2-Chloroethyl)ether	6.27	93	151820	35.63	ng		91
12) 1,3-Dichlorobenzene	6.47	146	158469m	38.94	ng		
13) 1,4-Dichlorobenzene	6.55	146	168505	37.52	ng		95
14) 1,2-Dichlorobenzene	6.70	146	156246m	37.14	ng		
15) Benzyl Alcohol	6.68	79	108842	38.59	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.82	45	170033	36.58	ng		98
17) 2-Methylphenol	6.81	107	106587	35.45	ng		95
18) Hexachloroethane	7.04	117	57078	33.15	ng	#	83
19) n-Nitroso-di-n-propylamine	6.97	70	103779	37.87	ng		97
20) 3+4-Methylphenols	6.97	107	145695	37.73	ng		91
22) Acetophenone	6.96	105	214380	42.16	ng	#	96
24) Nitrobenzene	7.13	77	155998	37.87	ng		95
25) Isophorone	7.37	82	285523	39.17	ng		99
26) 2-Nitrophenol	7.44	139	72866	39.57	ng	#	88
27) 2,4-Dimethylphenol	7.50	122	120701	41.14	ng		99
28) bis(2-Chloroethoxy)methane	7.59	93	178872	44.33	ng		99
29) 2,4-Dichlorophenol	7.69	162	112821	42.21	ng		98
30) 1,2,4-Trichlorobenzene	7.76	180	120133	39.39	ng	#	95
31) Naphthalene	7.84	128	427062	40.37	ng		100
32) Benzoic acid	7.64	122	66963	32.76	ng		98
33) 4-Chloroaniline	7.91	127	158621	39.39	ng		97
34) Hexachlorobutadiene	7.96	225	68293	39.10	ng		97
35) Caprolactam	8.28	113	28858	35.77	ng		99
36) 4-Chloro-3-methylphenol	8.40	107	120385	37.89	ng		96
37) 2-Methylnaphthalene	8.52	142	236392	37.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	134207	47.73	ng		99
40) Hexachlorocyclopentadiene	8.68	237	4509	13.92	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	62950	47.08	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	73090	43.16	ng	#	83
45) 1,1'-Biphenyl	8.99	154	316806	46.30	ng		98
46) 2-Chloronaphthalene	9.02	162	228299	44.43	ng		96
47) 2-Nitroaniline	9.12	65	68428	44.97	ng	#	77
48) Acenaphthylene	9.42	152	325721	40.25	ng		99
49) Dimethylphthalate	9.30	163	256144	41.88	ng		99
50) 2,6-Dinitrotoluene	9.37	165	50174	39.93	ng	#	79
51) Acenaphthene	9.59	154	187826	39.74	ng		99
52) 3-Nitroaniline	9.53	138	58873	44.40	ng	#	77
53) 2,4-Dinitrophenol	9.67	184	2468	11.73	ng	#	68
54) Dibenzofuran	9.76	168	255962	39.74	ng		94
55) 4-Nitrophenol	9.72	139	21274m	36.58	ng		
56) 2,4-Dinitrotoluene	9.77	165	65354	39.51	ng	#	68
57) Fluorene	10.10	166	212425	37.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	42166	37.29	ng		96
59) Diethylphthalate	10.00	149	283997	45.81	ng		97
60) 4-Chlorophenyl-phenylether	10.10	204	105438	40.89	ng	#	83
61) 4-Nitroaniline	10.15	138	51561	37.72	ng		91
62) Azobenzene	10.26	77	243462	38.13	ng		89
64) 4,6-Dinitro-2-methylphenol	10.18	198	8589	14.47	ng		96
65) n-Nitrosodiphenylamine	10.23	169	185719	46.60	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	53130	43.57	ng	#	69
67) Hexachlorobenzene	10.65	284	54320	43.47	ng	#	80
68) Atrazine	10.75	200	45416	37.10	ng		96
69) Pentachlorophenol	10.84	266	23336	41.68	ng		98
70) Phenanthrene	11.05	178	263261	39.97	ng		99
71) Anthracene	11.11	178	294620	40.23	ng		99
72) Carbazole	11.27	167	250829	40.69	ng		99
73) Di-n-butylphthalate	11.61	149	361284	43.68	ng		99
74) Fluoranthene	12.23	202	259204	37.41	ng		95
76) Benzidine	12.37	184	142862	38.12	ng		97
77) Pyrene	12.46	202	281861	36.67	ng		100
79) Butylbenzylphthalate	13.10	149	133840	38.30	ng	#	83
80) Benzo(a)anthracene	13.65	228	240463	42.01	ng		99
81) 3,3'-Dichlorobenzidine	13.61	252	96833	47.01	ng	#	95
82) Chrysene	13.68	228	257842	42.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	195829	38.76	ng	#	97
84) Di-n-octyl phthalate	14.26	149	339659	43.09	ng		98
85) Indeno(1,2,3-cd)pyrene	16.18	276	195618	45.16	ng		99
87) Benzo(b)fluoranthene	14.64	252	236604m	41.65	ng		
88) Benzo(k)fluoranthene	14.66	252	217982m	41.74	ng		
89) Benzo(a)pyrene	14.94	252	211528	41.51	ng		97
90) Dibenzo(a,h)anthracene	16.18	278	166684	41.52	ng		99
91) Benzo(g,h,i)perylene	16.53	276	152492	38.65	ng		99

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

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