Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087787.D
Acq On : 7 Jun 2016 13:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 07 13:52:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	129762	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	509413	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	256635	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	463072	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	323148	20.00	ng		-0.03
86) Perylene-d12	15.41	264	272810	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	604730	75.33	ng		-0.01
7) Phenol-d6	6.48	99	698306	69.36	ng		-0.01
23) Nitrobenzene-d5	7.42	82	710154	80.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	221183	85.86	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1262186	71.89	ng		-0.02
78) Terphenyl-d14	12.95	244	1156724	87.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	144080	37.13	ng	#	35
3) Pyridine	3.13	79	376622	36.74	ng		98
4) n-Nitrosodimethylamine	3.08	42	140759	32.50	ng		93
6) Aniline	6.50	93	505001	35.39	ng	#	82
8) 2-Chlorophenol	6.63	128	330010	35.72	ng		95
9) Benzaldehyde	6.39	77	215191	31.61	ng		92
10) Phenol	6.49	94	356718	31.11	ng		76
11) bis(2-Chloroethyl)ether	6.58	93	282508	33.91	ng		93
12) 1,3-Dichlorobenzene	7.02	146	344754	34.86	ng		98
13) 1,4-Dichlorobenzene	6.87	146	359963	36.27	ng		94
14) 1,2-Dichlorobenzene	6.87	146	359963	38.69	ng		98
15) Benzyl Alcohol	6.99	79	294040	39.53	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	423495	34.86	ng		93
17) 2-Methylphenol	7.11	107	288099	38.84	ng		96
18) Hexachloroethane	7.36	117	134545	38.77	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	211965	33.71	ng		93
20) 3+4-Methylphenols	7.26	107	316056	34.78	ng	#	80
22) Acetophenone	7.26	105	442892	38.39	ng	#	85
24) Nitrobenzene	7.43	77	314686	35.71	ng	#	87
25) Isophorone	7.68	82	659054	41.12	ng		96
26) 2-Nitrophenol	7.75	139	197794	48.31	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	348600	41.08	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	396833	39.03	ng		98
29) 2,4-Dichlorophenol	7.99	162	282762	40.57	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	289782	39.71	ng		98
31) Naphthalene	8.15	128	942987	38.07	ng		100
32) Benzoic acid	7.91	122	183378	35.82	ng		98
33) 4-Chloroaniline	8.20	127	476076	44.25	ng	#	94
34) Hexachlorobutadiene	8.27	225	163442	43.08	ng		99
35) Caprolactam	8.58	113	99676	43.54	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	278155	38.58	ng		100
37) 2-Methylnaphthalene	8.84	142	694043	42.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	261250	36.94	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	163269	39.24	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	202690	37.95	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	213344	42.92	ng	#	95
45) 1,1'-Biphenyl	9.31	154	793610	38.10	ng		95
46) 2-Chloronaphthalene	9.34	162	643539	38.82	ng	#	91
47) 2-Nitroaniline	9.43	65	209716	44.92	ng	#	79
48) Acenaphthylene	9.75	152	1029963	39.84	ng		99
49) Dimethylphthalate	9.61	163	666603	35.73	ng		100
50) 2,6-Dinitrotoluene	9.67	165	150114	35.36	ng	#	62
51) Acenaphthene	9.92	154	641954	38.59	ng		98
52) 3-Nitroaniline	9.84	138	198762	40.94	ng		91
53) 2,4-Dinitrophenol	9.94	184	80441	43.61	ng	#	67
54) Dibenzofuran	10.09	168	928959	41.02	ng		95
55) 4-Nitrophenol	10.00	139	170360	41.05	ng	#	77
56) 2,4-Dinitrotoluene	10.07	165	199586	36.92	ng	#	68
57) Fluorene	10.43	166	656207	37.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	171678	40.09	ng	#	53
59) Diethylphthalate	10.31	149	717768	38.31	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	276400	38.15	ng		100
61) 4-Nitroaniline	10.46	138	204980	43.91	ng		89
62) Azobenzene	10.58	77	733682	38.90	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	122904	47.76	ng	#	65
65) n-Nitrosodiphenylamine	10.55	169	609031	40.15	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	204645	44.57	ng		95
67) Hexachlorobenzene	10.97	284	194640	37.91	ng		99
68) Atrazine	11.07	200	203651	45.33	ng		97
69) Pentachlorophenol	11.16	266	118728	38.91	ng		98
70) Phenanthrene	11.38	178	870240	34.66	ng		100
71) Anthracene	11.44	178	1037288	41.23	ng		100
72) Carbazole	11.59	167	851911	35.77	ng		99
73) Di-n-butylphthalate	11.93	149	1163006	45.55	ng	#	98
74) Fluoranthene	12.57	202	1044903	42.29	ng		95
76) Benzidine	12.69	184	341114	26.77	ng		99
77) Pyrene	12.80	202	1046864	45.49	ng		99
79) Butylbenzylphthalate	13.42	149	445582	45.50	ng		89
80) Benzo(a)anthracene	13.98	228	707838	37.95	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	216480	41.14	ng	#	96
82) Chrysene	14.01	228	707852	38.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	527199	45.24	ng	#	99
84) Di-n-octyl phthalate	14.58	149	894042	41.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	708300	46.16	ng	#	100
87) Benzo(b)fluoranthene	15.03	252	1255412	70.74	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	1255955	85.06	ng		98
89) Benzo(a)pyrene	15.35	252	615092	41.23	ng	#	95
90) Dibenzo(a,h)anthracene	16.80	278	589467	46.43	ng		99
91) Benzo(g,h,i)perylene	17.20	276	614845	48.00	ng		100

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

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