Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094044.D
Acq On : 30 Mar 2017 4:52
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 30 06:45:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	165045	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	654885	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	296090	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	500067	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	330175	20.00	ng		-0.04
86) Perylene-d12	16.27	264	290628	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.45	112	759509	77.73	ng		-0.02
7) Phenol-d6	5.53	99	929272	76.87	ng		-0.02
23) Nitrobenzene-d5	6.57	82	918511	80.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.54	330	162846	69.60	ng		-0.04
44) 2-Fluorobiphenyl	8.75	172	1586116	81.71	ng		-0.03
78) Terphenyl-d14	13.37	244	1317086	89.41	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	180539	38.46	ng		97
3) Pyridine	2.76	79	507590	39.67	ng		99
4) n-Nitrosodimethylamine	2.72	42	203211	38.60	ng		94
6) Aniline	5.55	93	615424	36.60	ng	#	64
8) 2-Chlorophenol	5.69	128	426740	39.73	ng		96
9) Benzaldehyde	5.42	77	300578	36.82	ng		97
10) Phenol	5.54	94	513600	37.34	ng	#	73
11) bis(2-Chloroethyl)ether	5.63	93	416078	38.70	ng		98
12) 1,3-Dichlorobenzene	5.86	146	475007	39.43	ng		99
13) 1,4-Dichlorobenzene	5.94	146	484631	39.72	ng		96
14) 1,2-Dichlorobenzene	6.12	146	445680	39.66	ng		98
15) Benzyl Alcohol	6.09	79	334452	37.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.25	45	593963	35.86	ng		96
17) 2-Methylphenol	6.23	107	358102	38.93	ng		97
18) Hexachloroethane	6.51	117	160025	37.31	ng	#	83
19) n-Nitroso-di-n-propylamine	6.41	70	297819	38.33	ng		96
20) 3+4-Methylphenols	6.41	107	451840	40.56	ng	#	65
22) Acetophenone	6.40	105	611797	41.92	ng	#	86
24) Nitrobenzene	6.60	77	444902	39.31	ng		93
25) Isophorone	6.89	82	790266	39.19	ng	#	94
26) 2-Nitrophenol	6.97	139	162001	30.02	ng		97
27) 2,4-Dimethylphenol	7.04	122	368000	39.57	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	518703	39.01	ng		99
29) 2,4-Dichlorophenol	7.27	162	344641	39.64	ng		99
30) 1,2,4-Trichlorobenzene	7.36	180	360607	40.26	ng		98
31) Naphthalene	7.45	128	1253600	39.81	ng		99
32) Benzoic acid	7.16	122	104337	16.85	ng		95
33) 4-Chloroaniline	7.52	127	510828	40.03	ng		94
34) Hexachlorobutadiene	7.61	225	184461	40.16	ng		97
35) Caprolactam	7.97	113	112135	40.44	ng		94
36) 4-Chloro-3-methylphenol	8.13	107	349380	38.45	ng		91
37) 2-Methylnaphthalene	8.30	142	841770	40.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	339029	41.86	ng		99
40) Hexachlorocyclopentadiene	8.49	237	72627	19.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	213883	37.32	ng		98
43) 2,4,5-Trichlorophenol	8.70	196	224525	36.21	ng	#	93
45) 1,1'-Biphenyl	8.87	154	947187	39.66	ng		97
46) 2-Chloronaphthalene	8.89	162	746515	39.93	ng		96
47) 2-Nitroaniline	9.02	65	239581	43.20	ng		89
48) Acenaphthylene	9.40	152	1231974	39.65	ng		98
49) Dimethylphthalate	9.26	163	858534	40.79	ng		100
50) 2,6-Dinitrotoluene	9.32	165	174552	36.18	ng		90
51) Acenaphthene	9.61	154	708035	39.05	ng		100
52) 3-Nitroaniline	9.53	138	253817	44.80	ng		88
53) 2,4-Dinitrophenol	9.65	184	9396	8.09	ng	#	76
54) Dibenzofuran	9.82	168	974465	39.49	ng		99
55) 4-Nitrophenol	9.75	139	106642	24.04	ng	#	69
56) 2,4-Dinitrotoluene	9.82	165	206796	34.12	ng	#	77
57) Fluorene	10.25	166	779031	38.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	142749	33.55	ng		97
59) Diethylphthalate	10.13	149	837757	40.27	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	337051	38.66	ng		92
61) 4-Nitroaniline	10.28	138	241984	44.51	ng		96
62) Azobenzene	10.45	77	758417	38.54	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	22306	7.28	ng	#	65
65) n-Nitrosodiphenylamine	10.40	169	712725	41.21	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	205707	41.83	ng		98
67) Hexachlorobenzene	10.92	284	205551	41.29	ng	#	86
68) Atrazine	11.07	200	206792	39.92	ng		96
69) Pentachlorophenol	11.17	266	71449	23.06	ng		97
70) Phenanthrene	11.42	178	1094086	39.33	ng		99
71) Anthracene	11.49	178	1143578	39.93	ng		99
72) Carbazole	11.69	167	1097352	37.36	ng		98
73) Di-n-butylphthalate	12.14	149	1266075	41.45	ng		99
74) Fluoranthene	12.89	202	1036481	36.39	ng		98
76) Benzidine	13.05	184	304937	23.34	ng		95
77) Pyrene	13.16	202	1027147	42.87	ng		99
79) Butylbenzylphthalate	13.98	149	487299	47.73	ng		88
80) Benzo(a)anthracene	14.63	228	779006	40.46	ng		100
81) 3,3'-Dichlorobenzidine	14.61	252	260977	37.92	ng	#	95
82) Chrysene	14.68	228	734032	41.08	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	700317	50.28	ng		100
84) Di-n-octyl phthalate	15.45	149	1074178	46.16	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	639632	41.34	ng		99
87) Benzo(b)fluoranthene	15.87	252	709217	39.81	ng		99
88) Benzo(k)fluoranthene	15.90	252	715521	41.05	ng		96
89) Benzo(a)pyrene	16.22	252	673852	41.08	ng		98
90) Dibenzo(a,h)anthracene	17.66	278	548594	39.49	ng		97
91) Benzo(g,h,i)perylene	18.04	276	512487	36.60	ng		99

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

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