Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
Data File : BF096687.D
Acq On : 12 Jul 2017 13:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 15:53:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	141099	20.00	ng		-0.03
21) Naphthalene-d8	7.95	136	509663	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	222768	20.00	ng		-0.03
63) Phenanthrene-d10	11.18	188	430479	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	283650	20.00	ng		-0.03
86) Perylene-d12	15.20	264	261493	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	594590	62.20	ng		-0.04
7) Phenol-d6	6.32	99	876457	74.58	ng		-0.03
23) Nitrobenzene-d5	7.24	82	771232	90.93	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	153058	87.96	ng		-0.03
44) 2-Fluorobiphenyl	9.03	172	1186320	91.05	ng		-0.03
78) Terphenyl-d14	12.77	244	1045513	78.76	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	164307	36.247	ng	#	75
3) Pyridine	3.00	79	431531	34.696	ng	#	61
4) n-Nitrosodimethylamine	2.95	42	217745	35.469	ng		85
6) Aniline	6.33	93	547053	36.015	ng	#	59
8) 2-Chlorophenol	6.46	128	392432	38.495	ng		94
9) Benzaldehyde	6.22	77	252696	34.356	ng		100
10) Phenol	6.33	94	482722	36.054	ng	#	70
11) bis(2-Chloroethyl)ether	6.41	93	390854	37.775	ng		91
12) 1,3-Dichlorobenzene	6.61	146	410469	38.401	ng		98
13) 1,4-Dichlorobenzene	6.69	146	418402	39.162	ng		94
14) 1,2-Dichlorobenzene	6.85	146	380921	38.831	ng		96
15) Benzyl Alcohol	6.82	79	298671	38.018	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	828344	39.380	ng		91
17) 2-Methylphenol	6.93	107	310247	38.187	ng		99
18) Hexachloroethane	7.18	117	151396	39.087	ng	#	77
19) n-Nitroso-di-n-propylamine	7.10	70	263452	37.628	ng	#	85
20) 3+4-Methylphenols	7.09	107	358816	39.597	ng	#	78
22) Acetophenone	7.09	105	510956	45.882	ng	#	94
24) Nitrobenzene	7.26	77	405951	45.624	ng		91
25) Isophorone	7.50	82	714480	43.447	ng		98
26) 2-Nitrophenol	7.57	139	218099	46.311	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	345066	43.031	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	396605	36.535	ng		100
29) 2,4-Dichlorophenol	7.82	162	274328	39.651	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	262902	40.283	ng		98
31) Naphthalene	7.97	128	942974	39.191	ng		100
32) Benzoic acid	7.76	122	232303	34.493	ng		88
33) 4-Chloroaniline	8.03	127	387834	38.806	ng		97
34) Hexachlorobutadiene	8.10	225	138425	41.353	ng		98
35) Caprolactam	8.41	113	90053	37.746	ng	#	55
36) 4-Chloro-3-methylphenol	8.52	107	334977	43.756	ng		86
37) 2-Methylnaphthalene	8.67	142	681019	44.465	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	264120	45.662	ng		99
40) Hexachlorocyclopentadiene	8.83	237	98540	35.037	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	201351	44.004	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	203637	45.010	ng		93
45) 1,1'-Biphenyl	9.13	154	773109	40.504	ng		98
46) 2-Chloronaphthalene	9.16	162	572083	40.218	ng		95
47) 2-Nitroaniline	9.25	65	201703	38.970	ng		91
48) Acenaphthylene	9.57	152	882782	39.166	ng		99
49) Dimethylphthalate	9.44	163	704396	42.357	ng		99
50) 2,6-Dinitrotoluene	9.50	165	167060	45.428	ng	#	91
51) Acenaphthene	9.74	154	500341	36.013	ng		98
52) 3-Nitroaniline	9.66	138	174432	38.030	ng		86
53) 2,4-Dinitrophenol	9.77	184	75743	38.778	ng	#	75
54) Dibenzofuran	9.91	168	711232	38.774	ng		99
55) 4-Nitrophenol	9.83	139	133743	35.180	ng	#	66
56) 2,4-Dinitrotoluene	9.90	165	187683	40.301	ng	#	83
57) Fluorene	10.25	166	546897	42.215	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	127854	40.846	ng		96
59) Diethylphthalate	10.13	149	622698	39.615	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	228696	40.574	ng		97
61) 4-Nitroaniline	10.27	138	169145	40.556	ng		90
62) Azobenzene	10.40	77	561026	36.912	ng		92
64) 4,6-Dinitro-2-methylphenol	10.31	198	105235	35.446	ng		85
65) n-Nitrosodiphenylamine	10.37	169	511446	33.861	ng		97
66) 4-Bromophenyl-phenylether	10.73	248	151646	36.188	ng		97
67) Hexachlorobenzene	10.80	284	169276	36.901	ng	#	91
68) Atrazine	10.90	200	151087	35.013	ng		96
69) Pentachlorophenol	10.99	266	103670	38.131	ng		95
70) Phenanthrene	11.21	178	881047	37.861	ng		98
71) Anthracene	11.26	178	901377	38.011	ng		100
72) Carbazole	11.42	167	912289	38.254	ng		98
73) Di-n-butylphthalate	11.76	149	1117861	38.700	ng		98
74) Fluoranthene	12.39	202	882147	38.664	ng		98
76) Benzidine	12.51	184	466895	34.304	ng	#	93
77) Pyrene	12.62	202	894710	39.297	ng		99
79) Butylbenzylphthalate	13.24	149	418216	36.286	ng	#	84
80) Benzo(a)anthracene	13.80	228	646960	39.387	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	274850	40.740	ng		98
82) Chrysene	13.84	228	612005	35.579	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	527697	41.018	ng		97
84) Di-n-octyl phthalate	14.42	149	945466	37.319	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.54	276	520067	38.303	ng		96
87) Benzo(b)fluoranthene	14.82	252	595337	36.334	ng		99
88) Benzo(k)fluoranthene	14.84	252	519860	35.469	ng		97
89) Benzo(a)pyrene	15.15	252	565795	38.677	ng		97
90) Dibenzo(a,h)anthracene	16.56	278	418352	36.352	ng	#	94
91) Benzo(g,h,i)perylene	16.94	276	419135	35.147	ng		96

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

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