Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100725.D
Acq On : 20 Nov 2017 12:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 20 14:27:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84891	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	341501	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	159165	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	319614	20.00	ng		0.00
75) Chrysene-d12	14.04	240	262654	20.00	ng		0.00
86) Perylene-d12	15.50	264	225217	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	426344	80.51	ng		-0.01
7) Phenol-d6	6.50	99	510170	78.12	ng		-0.01
23) Nitrobenzene-d5	7.44	82	462946	89.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	150835	93.00	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	928042	88.78	ng		0.00
78) Terphenyl-d14	12.98	244	943256	82.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	97450	37.759	ng		99
3) Pyridine	3.42	79	261403	37.125	ng		94
4) n-Nitrosodimethylamine	3.38	42	117617	34.405	ng		97
6) Aniline	6.54	93	343356	37.216	ng		99
8) 2-Chlorophenol	6.66	128	229525	40.969	ng		96
9) Benzaldehyde	6.43	77	159391	34.177	ng		91
10) Phenol	6.51	94	262594	38.304	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	218176	37.889	ng		99
12) 1,3-Dichlorobenzene	6.82	146	265794	41.150	ng		96
13) 1,4-Dichlorobenzene	6.89	146	270177	41.327	ng		97
14) 1,2-Dichlorobenzene	7.05	146	252260	41.734	ng		97
15) Benzyl Alcohol	7.01	79	201715	39.578	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	327169	35.524	ng		99
17) 2-Methylphenol	7.12	107	190087	39.704	ng		96
18) Hexachloroethane	7.39	117	88971	41.276	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	166951	36.864	ng		96
20) 3+4-Methylphenols	7.27	107	240205	39.648	ng	#	87
22) Acetophenone	7.29	105	326047	39.153	ng	#	96
24) Nitrobenzene	7.46	77	234195	44.051	ng		97
25) Isophorone	7.69	82	402474	37.079	ng		100
26) 2-Nitrophenol	7.77	139	124362	49.679	ng		95
27) 2,4-Dimethylphenol	7.80	122	194962	40.067	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	273340	38.498	ng		100
29) 2,4-Dichlorophenol	8.01	162	197957	42.615	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	216276	43.042	ng		97
31) Naphthalene	8.18	128	673950	40.973	ng		100
32) Benzoic acid	7.93	122	161720	44.299	ng		95
33) 4-Chloroaniline	8.22	127	280333	40.944	ng		99
34) Hexachlorobutadiene	8.29	225	127266	42.598	ng		99
35) Caprolactam	8.60	113	61135	38.350	ng		92
36) 4-Chloro-3-methylphenol	8.70	107	201152	40.319	ng		98
37) 2-Methylnaphthalene	8.87	142	451237	41.321	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	238284	45.141	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	109622	44.124	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	148618	44.422	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	160114	46.192	ng		94
45) 1,1'-Biphenyl	9.33	154	595105	43.230	ng		99
46) 2-Chloronaphthalene	9.36	162	432805	43.338	ng		96
47) 2-Nitroaniline	9.45	65	128356	43.758	ng		97
48) Acenaphthylene	9.77	152	697718	42.157	ng		99
49) Dimethylphthalate	9.63	163	509834	41.953	ng		99
50) 2,6-Dinitrotoluene	9.69	165	110381	45.887	ng		97
51) Acenaphthene	9.95	154	436119	43.327	ng		99
52) 3-Nitroaniline	9.86	138	128975	45.405	ng		97
53) 2,4-Dinitrophenol	9.97	184	54154	59.388	ng	#	12
54) Dibenzofuran	10.12	168	596246	42.264	ng		99
55) 4-Nitrophenol	10.02	139	95818	41.543	ng		92
56) 2,4-Dinitrotoluene	10.10	165	145335	47.892	ng	#	87
57) Fluorene	10.46	166	463908	44.888	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	123869	43.603	ng	#	84
59) Diethylphthalate	10.33	149	505137	41.537	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	228190	45.009	ng		90
61) 4-Nitroaniline	10.48	138	126125	46.827	ng		85
62) Azobenzene	10.61	77	433142	37.816	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	86511	52.607	ng	#	69
65) n-Nitrosodiphenylamine	10.57	169	456501	41.077	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	145138	42.361	ng	#	87
67) Hexachlorobenzene	11.01	284	152786	42.637	ng	#	80
68) Atrazine	11.09	200	138567	41.191	ng		97
69) Pentachlorophenol	11.20	266	106518	41.455	ng		97
70) Phenanthrene	11.42	178	704188	41.846	ng		99
71) Anthracene	11.47	178	705558	41.326	ng		99
72) Carbazole	11.63	167	641482	40.720	ng		99
73) Di-n-butylphthalate	11.95	149	795946	43.175	ng		99
74) Fluoranthene	12.61	202	738561	41.412	ng		97
76) Benzidine	12.73	184	392998	37.362	ng		99
77) Pyrene	12.84	202	765431	40.882	ng		98
79) Butylbenzylphthalate	13.45	149	331573	43.425	ng		93
80) Benzo(a)anthracene	14.03	228	664200	41.993	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	242286	42.754	ng		97
82) Chrysene	14.06	228	622401	40.636	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	459674	45.773	ng		99
84) Di-n-octyl phthalate	14.62	149	758260	43.951	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	464887	37.525	ng		95
87) Benzo(b)fluoranthene	15.07	252	579491	43.431	ng		99
88) Benzo(k)fluoranthene	15.11	252	534222	42.375	ng		98
89) Benzo(a)pyrene	15.44	252	502276	42.462	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	394885	40.820	ng		98
91) Benzo(g,h,i)perylene	17.44	276	375292	39.631	ng		94

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

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