Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100706.D
Acq On : 18 Nov 2017 6:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 20 00:10:04 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	6.89	152	77367	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	294013	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	109882	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	175756	20.00	ng		0.00
75) Chrysene-d12	14.04	240	191332	20.00	ng		0.00
86) Perylene-d12	15.52	264	161670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	394077	81.65	ng		0.00
7) Phenol-d6	6.51	99	474535	79.73	ng		0.00
23) Nitrobenzene-d5	7.45	82	411266	92.48	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	88091	78.67	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	749460	103.86	ng		0.00
78) Terphenyl-d14	12.99	244	620954	74.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	90616	38.526	ng		97
3) Pyridine	3.43	79	250414	39.023	ng		96
4) n-Nitrosodimethylamine	3.39	42	110075	35.331	ng		99
6) Aniline	6.55	93	317548	37.766	ng		99
8) 2-Chlorophenol	6.67	128	212387	41.596	ng		96
9) Benzaldehyde	6.43	77	155912	36.682	ng		99
10) Phenol	6.52	94	242004	38.733	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	203706	38.816	ng		97
12) 1,3-Dichlorobenzene	6.83	146	249736	42.424	ng		95
13) 1,4-Dichlorobenzene	6.90	146	253239	42.504	ng		97
14) 1,2-Dichlorobenzene	7.06	146	235529	42.755	ng		95
15) Benzyl Alcohol	7.02	79	176769	38.056	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	265072	31.580	ng		98
17) 2-Methylphenol	7.13	107	171729	39.358	ng		98
18) Hexachloroethane	7.40	117	72015	36.659	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	152650	36.984	ng		92
20) 3+4-Methylphenols	7.28	107	215479	39.026	ng		96
22) Acetophenone	7.29	105	296370	41.338	ng	#	98
24) Nitrobenzene	7.47	77	205629	44.925	ng		92
25) Isophorone	7.70	82	352140	37.681	ng		99
26) 2-Nitrophenol	7.78	139	104022	48.419	ng		93
27) 2,4-Dimethylphenol	7.81	122	163131	38.940	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	247022	40.410	ng		98
29) 2,4-Dichlorophenol	8.02	162	167430	41.865	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	184218	42.584	ng		95
31) Naphthalene	8.19	128	583049	41.172	ng		99
32) Benzoic acid	7.90	122	93278	32.771	ng		95
33) 4-Chloroaniline	8.23	127	235175	39.897	ng		99
34) Hexachlorobutadiene	8.30	225	115213	44.793	ng		97
35) Caprolactam	8.60	113	44729	32.590	ng		97
36) 4-Chloro-3-methylphenol	8.71	107	153211	35.670	ng		93
37) 2-Methylnaphthalene	8.87	142	372314	39.601	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	190006	52.139	ng	#	96
40) Hexachlorocyclopentadiene	9.03	237	14425	8.410	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	108977	47.183	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	109641	45.818	ng	#	90
45) 1,1'-Biphenyl	9.34	154	465673	48.999	ng		99
46) 2-Chloronaphthalene	9.37	162	323680	46.947	ng		95
47) 2-Nitroaniline	9.46	65	91384	45.039	ng		95
48) Acenaphthylene	9.78	152	496346	43.440	ng		99
49) Dimethylphthalate	9.64	163	388724	46.334	ng		99
50) 2,6-Dinitrotoluene	9.70	165	76649	46.155	ng		95
51) Acenaphthene	9.95	154	290774	41.844	ng		99
52) 3-Nitroaniline	9.87	138	84323	43.000	ng		92
53) 2,4-Dinitrophenol	9.97	184	6279	18.930	ng	#	15
54) Dibenzofuran	10.12	168	399464	41.015	ng		98
55) 4-Nitrophenol	10.02	139	53115	33.357	ng		93
56) 2,4-Dinitrotoluene	10.10	165	88382	42.187	ng	#	78
57) Fluorene	10.47	166	298907	41.894	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	73996	37.729	ng	#	83
59) Diethylphthalate	10.33	149	352137	41.943	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	155892	44.540	ng		91
61) 4-Nitroaniline	10.48	138	74703	40.174	ng		87
62) Azobenzene	10.62	77	272716	34.489	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	15768	23.166	ng		77
65) n-Nitrosodiphenylamine	10.57	169	290291	47.501	ng		96
66) 4-Bromophenyl-phenylether	10.95	248	88344	46.890	ng	#	88
67) Hexachlorobenzene	11.02	284	88019	44.668	ng	#	82
68) Atrazine	11.10	200	80482	43.507	ng		97
69) Pentachlorophenol	11.20	266	59567	42.157	ng		97
70) Phenanthrene	11.43	178	398193	43.030	ng		99
71) Anthracene	11.48	178	408278	43.487	ng		99
72) Carbazole	11.63	167	369578	42.663	ng		99
73) Di-n-butylphthalate	11.96	149	465062	45.875	ng		98
74) Fluoranthene	12.62	202	458865	46.788	ng		98
76) Benzidine	12.74	184	263191	34.348	ng		99
77) Pyrene	12.84	202	490226	35.943	ng		98
79) Butylbenzylphthalate	13.46	149	217885	39.173	ng		94
80) Benzo(a)anthracene	14.03	228	488312	42.381	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	183952	44.560	ng		99
82) Chrysene	14.07	228	465675	41.737	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	322245	44.049	ng		97
84) Di-n-octyl phthalate	14.63	149	572437	45.549	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	312836	34.664	ng		95
87) Benzo(b)fluoranthene	15.09	252	412275	43.044	ng		99
88) Benzo(k)fluoranthene	15.12	252	414525	45.804	ng		96
89) Benzo(a)pyrene	15.46	252	362050	42.638	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	276033	39.750	ng		96
91) Benzo(g,h,i)perylene	17.45	276	249200	36.660	ng	#	92

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

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