Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099645.D
Acq On : 19 Oct 2017 5:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 19 16:21:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 22:24:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83153	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	295677	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	105207	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	182640	20.00	ng		0.00
75) Chrysene-d12	14.00	240	190119	20.00	ng		0.00
86) Perylene-d12	15.46	264	153313	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	467861	89.57	ng		0.00
7) Phenol-d6	6.47	99	529459	82.17	ng		0.00
23) Nitrobenzene-d5	7.40	82	399504	86.65	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	75139	87.28	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	660903	104.87	ng		0.00
78) Terphenyl-d14	12.93	244	624485	74.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	106177	42.552	ng		91
3) Pyridine	3.34	79	261289	38.709	ng		90
4) n-Nitrosodimethylamine	3.29	42	97504	34.064	ng	#	71
6) Aniline	6.50	93	326134	37.500	ng		97
8) 2-Chlorophenol	6.62	128	251018	42.435	ng		92
9) Benzaldehyde	6.39	77	131623	35.213	ng		93
10) Phenol	6.49	94	301136	41.786	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	229343	40.936	ng		94
12) 1,3-Dichlorobenzene	6.77	146	264620	42.715	ng		98
13) 1,4-Dichlorobenzene	6.85	146	267295	42.407	ng		99
14) 1,2-Dichlorobenzene	7.00	146	245692	42.186	ng		98
15) Benzyl Alcohol	6.97	79	161957	34.261	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	289621	33.180	ng		83
17) 2-Methylphenol	7.09	107	185712	38.369	ng		96
18) Hexachloroethane	7.33	117	75703	33.414	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	142053	34.529	ng		89
20) 3+4-Methylphenols	7.25	107	225853	36.885	ng	#	69
22) Acetophenone	7.25	105	306525	42.788	ng	#	99
24) Nitrobenzene	7.42	77	220087	42.081	ng		95
25) Isophorone	7.65	82	380248	39.890	ng		98
26) 2-Nitrophenol	7.73	139	109157	43.402	ng	#	83
27) 2,4-Dimethylphenol	7.77	122	192671	40.565	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	258515	43.518	ng		99
29) 2,4-Dichlorophenol	7.97	162	174188	42.715	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	181030	44.385	ng		99
31) Naphthalene	8.13	128	585516	42.163	ng		100
32) Benzoic acid	7.90	122	103402	26.503	ng		93
33) 4-Chloroaniline	8.19	127	238159	41.068	ng		96
34) Hexachlorobutadiene	8.25	225	94530	44.998	ng		99
35) Caprolactam	8.56	113	45773	34.992	ng	#	79
36) 4-Chloro-3-methylphenol	8.67	107	164130	35.808	ng		95
37) 2-Methylnaphthalene	8.82	142	352182	39.012	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	158845	50.627	ng	#	98
40) Hexachlorocyclopentadiene	8.97	237	4000	2.790	ng		90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	99560	44.791 ng		99
43) 2,4,5-Trichlorophenol	9.15	196	98275	44.291 ng		95
45) 1,1'-Biphenyl	9.29	154	441803	48.862 ng		97
46) 2-Chloronaphthalene	9.32	162	314221	46.285 ng		95
47) 2-Nitroaniline	9.42	65	85020	40.900 ng		91
48) Acenaphthylene	9.73	152	460254	44.287 ng		99
49) Dimethylphthalate	9.58	163	372476	46.909 ng		100
50) 2,6-Dinitrotoluene	9.65	165	73484	42.509 ng		90
51) Acenaphthene	9.90	154	267653	40.657 ng		99
52) 3-Nitroaniline	9.83	138	90885	45.090 ng		92
53) 2,4-Dinitrophenol	9.96	184	1375	7.244 ng		92
54) Dibenzofuran	10.07	168	371958	42.435 ng		98
55) 4-Nitrophenol	10.00	139	74415	43.661 ng		86
56) 2,4-Dinitrotoluene	10.06	165	83770	37.339 ng		93
57) Fluorene	10.42	166	308531	43.793 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	60979	39.783 ng	#	97
59) Diethylphthalate	10.28	149	326944	42.138 ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	138956	43.908 ng		90
61) 4-Nitroaniline	10.44	138	93410	48.035 ng		86
62) Azobenzene	10.56	77	257501	36.094 ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	5288	4.759 ng		74
65) n-Nitrosodiphenylamine	10.52	169	267324	42.250 ng		99
66) 4-Bromophenyl-phenylether	10.89	248	76326	42.694 ng	#	90
67) Hexachlorobenzene	10.96	284	83554	43.760 ng		94
68) Atrazine	11.04	200	65125	34.210 ng		99
69) Pentachlorophenol	11.16	266	46228	38.902 ng		100
70) Phenanthrene	11.37	178	437265	44.727 ng		98
71) Anthracene	11.43	178	445155	44.502 ng		99
72) Carbazole	11.59	167	442615	45.185 ng		99
73) Di-n-butylphthalate	11.90	149	502994	42.661 ng		98
74) Fluoranthene	12.57	202	496997	50.204 ng		98
76) Benzidine	12.69	184	292134	41.544 ng		98
77) Pyrene	12.80	202	522585	36.047 ng		100
79) Butylbenzylphthalate	13.40	149	250344	36.743 ng		89
80) Benzo(a)anthracene	13.99	228	479839	41.681 ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	188324	44.624 ng		98
82) Chrysene	14.03	228	463909	42.327 ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	358668	38.231 ng		99
84) Di-n-octyl phthalate	14.57	149	682496	45.179 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	331951	37.862 ng		97
87) Benzo(b)fluoranthene	15.03	252	424385	45.021 ng	#	95
88) Benzo(k)fluoranthene	15.06	252	399731	42.934 ng		98
89) Benzo(a)pyrene	15.40	252	370892	42.864 ng		98
90) Dibenzo(a,h)anthracene	16.94	278	279401	40.349 ng		96
91) Benzo(g,h,i)perylene	17.39	276	266613	38.950 ng		98

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

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