Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104224.D
Acq On : 4 Apr 2018 14:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/5/2018 4:38:42 PM

Quant Time: Apr 04 18:15:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93967	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	400186	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	197526	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	373401	20.00	ng		0.00
75) Chrysene-d12	14.14	240	298350	20.00	ng		0.00
86) Perylene-d12	15.68	264	263207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	421490m	71.53	ng		0.00
7) Phenol-d6	6.60	99	577394	79.65	ng		0.00
23) Nitrobenzene-d5	7.52	82	548009	83.75	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	183416	83.39	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1072053	85.59	ng		0.00
78) Terphenyl-d14	13.07	244	1121183	86.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	91066	35.834	ng	#	87
3) Pyridine	3.60	79	216345m	33.628	ng		
4) n-Nitrosodimethylamine	3.59	42	69090m	36.130	ng		
6) Aniline	6.63	93	319875	36.859	ng	#	77
8) 2-Chlorophenol	6.75	128	274920	42.534	ng		95
9) Benzaldehyde	6.52	77	157669	43.191	ng		93
10) Phenol	6.62	94	361100	44.957	ng		95
11) bis(2-Chloroethyl)ether	6.69	93	327349	47.294	ng		86
12) 1,3-Dichlorobenzene	6.89	146	283061	38.959	ng		98
13) 1,4-Dichlorobenzene	6.97	146	333292	42.812	ng		100
14) 1,2-Dichlorobenzene	7.12	146	302847	43.280	ng		99
15) Benzyl Alcohol	7.10	79	168569	35.764	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	311065	41.252	ng	#	39
17) 2-Methylphenol	7.21	107	211430	40.191	ng	#	78
18) Hexachloroethane	7.45	117	110753	42.490	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	193463	44.969	ng		90
20) 3+4-Methylphenols	7.37	107	266598	39.708	ng	#	56
22) Acetophenone	7.36	105	418308	43.203	ng	#	98
24) Nitrobenzene	7.54	77	280112	40.684	ng		99
25) Isophorone	7.77	82	480898	39.877	ng		98
26) 2-Nitrophenol	7.86	139	152280	42.371	ng	#	90
27) 2,4-Dimethylphenol	7.89	122	192939	37.224	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	307743	40.716	ng		98
29) 2,4-Dichlorophenol	8.10	162	225730	41.695	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	256544	41.764	ng		98
31) Naphthalene	8.26	128	782855	40.043	ng		99
32) Benzoic acid	8.03	122	155938	41.068	ng		90
33) 4-Chloroaniline	8.32	127	317242	38.490	ng		96
34) Hexachlorobutadiene	8.36	225	139190	41.640	ng		98
35) Caprolactam	8.68	113	76966m	44.835	ng		
36) 4-Chloro-3-methylphenol	8.80	107	236860	41.363	ng		96
37) 2-Methylnaphthalene	8.95	142	528653	41.051	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	242103	39.969	ng		98
40) Hexachlorocyclopentadiene	9.09	237	105228	39.809	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	139366	36.336	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	188485	40.700	ng		94
45) 1,1'-Biphenyl	9.41	154	688996	40.641	ng		99
46) 2-Chloronaphthalene	9.44	162	546178	40.843	ng		98
47) 2-Nitroaniline	9.55	65	148032	38.821	ng		92
48) Acenaphthylene	9.86	152	815312	40.244	ng		99
49) Dimethylphthalate	9.70	163	620388	39.780	ng		99
50) 2,6-Dinitrotoluene	9.78	165	136031	40.543	ng		94
51) Acenaphthene	10.03	154	465266	39.699	ng		99
52) 3-Nitroaniline	9.97	138	163634	42.426	ng		94
53) 2,4-Dinitrophenol	10.09	184	56468m	41.438	ng		
54) Dibenzofuran	10.20	168	674682	39.422	ng		97
55) 4-Nitrophenol	10.16	139	76381	33.028	ng		94
56) 2,4-Dinitrotoluene	10.19	165	175243	40.932	ng		93
57) Fluorene	10.55	166	576363	40.826	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	149421	43.065	ng	#	84
59) Diethylphthalate	10.40	149	617842	41.354	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	272093	41.963	ng		96
61) 4-Nitroaniline	10.60	138	146913	40.708	ng		92
62) Azobenzene	10.69	77	544818	40.329	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	78268	34.627	ng		84
65) n-Nitrosodiphenylamine	10.66	169	503603	39.824	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	153603	38.450	ng		91
67) Hexachlorobenzene	11.09	284	181554	39.509	ng	#	85
68) Atrazine	11.17	200	156670	40.440	ng		99
69) Pentachlorophenol	11.29	266	96112	38.009	ng		96
70) Phenanthrene	11.52	178	782545	38.709	ng		99
71) Anthracene	11.57	178	928181	43.955	ng		99
72) Carbazole	11.73	167	857187	42.531	ng		99
73) Di-n-butylphthalate	12.03	149	978574	40.762	ng		99
74) Fluoranthene	12.70	202	889900	41.412	ng		100
76) Benzidine	12.84	184	343553	40.407	ng		99
77) Pyrene	12.94	202	881151	41.085	ng		99
79) Butylbenzylphthalate	13.53	149	417377	41.307	ng		99
80) Benzo(a)anthracene	14.13	228	695094	37.234	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	262615	42.499	ng		98
82) Chrysene	14.17	228	795703	43.517	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	551441	42.238	ng		100
84) Di-n-octyl phthalate	14.70	149	873284	38.886	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	621656m	32.809	ng		
87) Benzo(b)fluoranthene	15.22	252	623966	38.953	ng		98
88) Benzo(k)fluoranthene	15.25	252	696951	46.188	ng		98
89) Benzo(a)pyrene	15.62	252	583194	39.287	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	521955	38.031	ng		98
91) Benzo(g,h,i)perylene	17.75	276	491382	35.745	ng		96

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

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