Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102291.D
Acq On : 22 Jan 2018 11:28
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:25 PM

Quant Time: Jan 22 12:54:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 12:26:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133595	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	561784	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	256668	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	447841	20.00	ng		0.00
75) Chrysene-d12	13.87	240	348363	20.00	ng		0.00
86) Perylene-d12	15.29	264	307766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	719373	76.04	ng		0.00
7) Phenol-d6	6.36	99	856753	75.90	ng		0.00
23) Nitrobenzene-d5	7.29	82	788934	82.52	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	202137	90.24	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1402771	85.38	ng		0.00
78) Terphenyl-d14	12.82	244	1205357	71.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	170473	36.106	ng		98
3) Pyridine	3.08	79	458607	35.568	ng		95
4) n-Nitrosodimethylamine	3.04	42	179111	33.172	ng		97
6) Aniline	6.38	93	570870	35.886	ng	#	89
8) 2-Chlorophenol	6.50	128	380299	40.079	ng		96
9) Benzaldehyde	6.27	77	240394	30.672	ng		94
10) Phenol	6.37	94	471501	36.962	ng	#	71
11) bis(2-Chloroethyl)ether	6.46	93	363429	37.430	ng		97
12) 1,3-Dichlorobenzene	6.66	146	444191	40.610	ng		99
13) 1,4-Dichlorobenzene	6.73	146	446921	40.947	ng		100
14) 1,2-Dichlorobenzene	6.89	146	411504	40.734	ng		99
15) Benzyl Alcohol	6.86	79	305759	37.031	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	610699	34.120	ng		98
17) 2-Methylphenol	6.98	107	331570	38.736	ng		98
18) Hexachloroethane	7.23	117	156628	40.751	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	264142	35.708	ng		98
20) 3+4-Methylphenols	7.13	107	396370	38.567	ng	#	65
22) Acetophenone	7.13	105	525731	38.840	ng	#	89
24) Nitrobenzene	7.30	77	408570	39.772	ng		100
25) Isophorone	7.55	82	704366	37.288	ng		98
26) 2-Nitrophenol	7.62	139	219910	51.147	ng		89
27) 2,4-Dimethylphenol	7.66	122	310781	38.703	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	437178	38.330	ng		99
29) 2,4-Dichlorophenol	7.86	162	315676	41.402	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	334326	41.920	ng		98
31) Naphthalene	8.02	128	1116391	39.770	ng		99
32) Benzoic acid	7.80	122	261291m	42.912	ng		
33) 4-Chloroaniline	8.07	127	475549	39.691	ng		99
34) Hexachlorobutadiene	8.13	225	182342	43.193	ng		99
35) Caprolactam	8.46	113	105680	40.374	ng		97
36) 4-Chloro-3-methylphenol	8.56	107	333631	39.974	ng		97
37) 2-Methylnaphthalene	8.71	142	744108	40.265	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	309974	42.688	ng		100
40) Hexachlorocyclopentadiene	8.86	237	147470	37.135	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	208465	41.661	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	236124	41.751	ng		99
45) 1,1'-Biphenyl	9.18	154	902631	39.787	ng		98
46) 2-Chloronaphthalene	9.20	162	711979	40.470	ng		97
47) 2-Nitroaniline	9.30	65	222522	42.226	ng		98
48) Acenaphthylene	9.62	152	1103217	39.515	ng		99
49) Dimethylphthalate	9.48	163	836265	40.615	ng		100
50) 2,6-Dinitrotoluene	9.55	165	187871	45.678	ng		99
51) Acenaphthene	9.79	154	636967	37.588	ng		99
52) 3-Nitroaniline	9.72	138	217834	41.966	ng		99
53) 2,4-Dinitrophenol	9.82	184	80359	64.122	ng	#	19
54) Dibenzofuran	9.96	168	899191	38.663	ng		96
55) 4-Nitrophenol	9.88	139	152858	39.516	ng		95
56) 2,4-Dinitrotoluene	9.95	165	229598	44.539	ng	#	96
57) Fluorene	10.30	166	696037	43.293	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	164424	40.837	ng		98
59) Diethylphthalate	10.18	149	815761	39.829	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	307807	44.961	ng		97
61) 4-Nitroaniline	10.33	138	218414	44.337	ng		91
62) Azobenzene	10.46	77	753389	36.971	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	126463	57.430	ng		98
65) n-Nitrosodiphenylamine	10.42	169	647806	38.629	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	193988	41.017	ng		99
67) Hexachlorobenzene	10.85	284	216999	42.029	ng		95
68) Atrazine	10.95	200	192759	39.774	ng		99
69) Pentachlorophenol	11.05	266	123509	39.230	ng		99
70) Phenanthrene	11.26	178	1027989	39.296	ng		99
71) Anthracene	11.32	178	1046657	39.450	ng		99
72) Carbazole	11.47	167	1023617	39.253	ng		99
73) Di-n-butylphthalate	11.80	149	1300406	40.646	ng		100
74) Fluoranthene	12.45	202	1048815	40.750	ng		99
76) Benzidine	12.57	184	437498	26.007	ng		98
77) Pyrene	12.67	202	1082511	35.154	ng		99
79) Butylbenzylphthalate	13.30	149	552328	39.084	ng		94
80) Benzo(a)anthracene	13.86	228	843325	37.942	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	319550	38.829	ng		96
82) Chrysene	13.90	228	863863	37.274	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	737917	45.519	ng	#	99
84) Di-n-octyl phthalate	14.46	149	1189928	44.233	ng		100
85) Indeno(1,2,3-cd)pyrene	16.69	276	670373	39.741	ng		98
87) Benzo(b)fluoranthene	14.89	252	815200	40.623	ng		99
88) Benzo(k)fluoranthene	14.92	252	730379	37.729	ng		98
89) Benzo(a)pyrene	15.24	252	723207	40.049	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	555192	38.527	ng		98
91) Benzo(g,h,i)perylene	17.10	276	543758	37.459	ng		96

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

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