Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104831.D
Acq On : 26 Apr 2018 12:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/27/2018 6:54:45 PM

Quant Time: Apr 27 11:39:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108693	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	448502	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	214167	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	399568	20.00	ng		0.00
75) Chrysene-d12	13.98	240	309795	20.00	ng		0.00
86) Perylene-d12	15.44	264	261097	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	523831	73.69	ng		0.00
7) Phenol-d6	6.44	99	635499	72.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	576689	83.96	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	176125	79.28	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1030443	76.01	ng		0.00
78) Terphenyl-d14	12.92	244	1037310	76.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	115905	34.993	ng		88
3) Pyridine	3.23	79	319244	34.281	ng		89
4) n-Nitrosodimethylamine	3.20	42	105352	32.363	ng	#	78
6) Aniline	6.46	93	427460	35.227	ng		98
8) 2-Chlorophenol	6.59	128	288941	38.511	ng		93
9) Benzaldehyde	6.35	77	153639	32.753	ng		97
10) Phenol	6.46	94	353947	38.194	ng	#	66
11) bis(2-Chloroethyl)ether	6.54	93	268690	36.333	ng		91
12) 1,3-Dichlorobenzene	6.74	146	325053	38.242	ng		98
13) 1,4-Dichlorobenzene	6.82	146	327406	38.642	ng		99
14) 1,2-Dichlorobenzene	6.97	146	300866	38.318	ng		99
15) Benzyl Alcohol	6.95	79	240126	36.198	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	320866	32.308	ng		83
17) 2-Methylphenol	7.06	107	245353	37.620	ng		95
18) Hexachloroethane	7.30	117	117250	38.812	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	189676	33.234	ng		91
20) 3+4-Methylphenols	7.22	107	305172	37.729	ng	#	67
22) Acetophenone	7.21	105	405313	36.707	ng		98
24) Nitrobenzene	7.39	77	299905	39.548	ng		98
25) Isophorone	7.62	82	514017	35.390	ng		98
26) 2-Nitrophenol	7.70	139	160010	51.830	ng		91
27) 2,4-Dimethylphenol	7.74	122	227138	35.434	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	322441	36.309	ng		99
29) 2,4-Dichlorophenol	7.95	162	236368	38.646	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	259881	38.717	ng		98
31) Naphthalene	8.10	128	842591	37.729	ng		99
32) Benzoic acid	7.87	122	169971m	33.233	ng		
33) 4-Chloroaniline	8.16	127	370813	38.756	ng		98
34) Hexachlorobutadiene	8.22	225	143745	39.097	ng		99
35) Caprolactam	8.54	113	78650m	36.862	ng		
36) 4-Chloro-3-methylphenol	8.65	107	254380	38.788	ng		100
37) 2-Methylnaphthalene	8.80	142	552295	38.232	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	244036	39.806	ng		99
40) Hexachlorocyclopentadiene	8.95	237	156273	45.532	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	159727	37.531	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	184525	38.746	ng		94
45) 1,1'-Biphenyl	9.26	154	676965	37.627	ng		99
46) 2-Chloronaphthalene	9.29	162	540290	38.019	ng		99
47) 2-Nitroaniline	9.39	65	164510	46.811	ng		94
48) Acenaphthylene	9.70	152	821144	36.828	ng		100
49) Dimethylphthalate	9.56	163	648690	38.410	ng		100
50) 2,6-Dinitrotoluene	9.63	165	138658	44.370	ng		92
51) Acenaphthene	9.87	154	479909	35.277	ng		99
52) 3-Nitroaniline	9.80	138	163992	44.825	ng		99
53) 2,4-Dinitrophenol	9.92	184	50516	48.754	ng	#	18
54) Dibenzofuran	10.05	168	678102	35.768	ng		97
55) 4-Nitrophenol	9.97	139	95051	33.074	ng		93
56) 2,4-Dinitrotoluene	10.04	165	177454	43.290	ng		99
57) Fluorene	10.39	166	558071	40.442	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	128504	36.168	ng		94
59) Diethylphthalate	10.26	149	621030	36.922	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	256139	41.679	ng		99
61) 4-Nitroaniline	10.42	138	165356	46.225	ng		95
62) Azobenzene	10.55	77	558990	34.786	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	94009	48.262	ng		83
65) n-Nitrosodiphenylamine	10.50	169	496662	35.850	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	158919	37.392	ng	#	88
67) Hexachlorobenzene	10.94	284	182990	38.264	ng		94
68) Atrazine	11.03	200	149360	35.717	ng		98
69) Pentachlorophenol	11.14	266	111633	37.732	ng		97
70) Phenanthrene	11.36	178	819051	36.809	ng		99
71) Anthracene	11.41	178	820659	36.282	ng		99
72) Carbazole	11.57	167	793868	35.917	ng		100
73) Di-n-butylphthalate	11.89	149	970603	35.949	ng		99
74) Fluoranthene	12.55	202	838078	36.048	ng		97
76) Benzidine	12.67	184	434774	41.980	ng		98
77) Pyrene	12.78	202	859624	37.435	ng		99
79) Butylbenzylphthalate	13.39	149	407589	37.676	ng		95
80) Benzo(a)anthracene	13.97	228	727124	39.288	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	254861	36.933	ng		98
82) Chrysene	14.01	228	699610	36.802	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	543151	39.034	ng		100
84) Di-n-octyl phthalate	14.57	149	825109	35.487	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	561985	34.801	ng		96
87) Benzo(b)fluoranthene	15.02	252	667738	40.492	ng		97
88) Benzo(k)fluoranthene	15.05	252	579763	37.240	ng		99
89) Benzo(a)pyrene	15.39	252	570387	38.658	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	461714	38.101	ng		96
91) Benzo(g,h,i)perylene	17.36	276	456662	38.896	ng		94

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

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