Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098827.D
Acq On : 26 Sep 2017 12:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/27/2017 12:44:37 PM

Quant Time: Sep 27 00:59:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	169021	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	706615	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	320180	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	551389	20.00	ng		0.00
75) Chrysene-d12	14.08	240	403461	20.00	ng		0.00
86) Perylene-d12	15.57	264	345222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	848171	79.88	ng		-0.01
7) Phenol-d6	6.54	99	1041165	79.49	ng		0.00
23) Nitrobenzene-d5	7.48	82	877741	79.66	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	215386	82.21	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1507133	78.58	ng		0.00
78) Terphenyl-d14	13.02	244	1403724	79.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	196553	38.753	ng		98
3) Pyridine	3.50	79	537606	39.183	ng		98
4) n-Nitrosodimethylamine	3.46	42	226181	38.875	ng		98
6) Aniline	6.58	93	692067	39.149	ng		100
8) 2-Chlorophenol	6.70	128	472850	39.326	ng		99
9) Benzaldehyde	6.47	77	280993	36.984	ng		99
10) Phenol	6.55	94	567010	38.708	ng		100
11) bis(2-Chloroethyl)ether	6.65	93	446040	39.168	ng		99
12) 1,3-Dichlorobenzene	6.86	146	495650	39.361	ng		99
13) 1,4-Dichlorobenzene	6.93	146	497535	38.834	ng		99
14) 1,2-Dichlorobenzene	7.09	146	461749	39.005	ng		100
15) Benzyl Alcohol	7.06	79	377266	39.263	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	682037	38.441	ng		98
17) 2-Methylphenol	7.16	107	382242	38.852	ng		98
18) Hexachloroethane	7.43	117	178157	38.687	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	313666	37.509	ng		99
20) 3+4-Methylphenols	7.32	107	477660	38.378	ng		91
22) Acetophenone	7.33	105	647049	37.795	ng	#	95
24) Nitrobenzene	7.50	77	492187	39.378	ng		100
25) Isophorone	7.74	82	880748	38.662	ng		99
26) 2-Nitrophenol	7.81	139	256627	42.696	ng		98
27) 2,4-Dimethylphenol	7.85	122	436386	38.445	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	554015	39.024	ng		100
29) 2,4-Dichlorophenol	8.05	162	386653	39.675	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	384477	39.445	ng		98
31) Naphthalene	8.22	128	1268349	38.218	ng		99
32) Benzoic acid	7.97	122	373781	40.088	ng		99
33) 4-Chloroaniline	8.26	127	546098	39.404	ng		99
34) Hexachlorobutadiene	8.33	225	199324	39.702	ng		99
35) Caprolactam	8.65	113	121403	38.835	ng		90
36) 4-Chloro-3-methylphenol	8.74	107	425763	38.868	ng		98
37) 2-Methylnaphthalene	8.91	142	829909	38.467	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	374886	39.261	ng		99
40) Hexachlorocyclopentadiene	9.06	237	168742	38.669	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	263374	38.934	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	270606	40.073	ng		99
45) 1,1'-Biphenyl	9.37	154	1062283	38.604	ng		100
46) 2-Chloronaphthalene	9.40	162	805689	38.996	ng		99
47) 2-Nitroaniline	9.49	65	254112	40.167	ng		98
48) Acenaphthylene	9.82	152	1227578	38.813	ng		100
49) Dimethylphthalate	9.67	163	937810	38.808	ng		100
50) 2,6-Dinitrotoluene	9.73	165	213125	40.511	ng		100
51) Acenaphthene	9.99	154	782074	39.036	ng		99
52) 3-Nitroaniline	9.90	138	248946	40.583	ng		99
53) 2,4-Dinitrophenol	10.01	184	98939	39.318	ng		90
54) Dibenzofuran	10.16	168	1026039	38.463	ng		99
55) 4-Nitrophenol	10.05	139	209218	40.335	ng		98
56) 2,4-Dinitrotoluene	10.14	165	281334	41.204	ng		92
57) Fluorene	10.50	166	815714	38.045	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	185727	39.815	ng		99
59) Diethylphthalate	10.37	149	906561	38.392	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	370405	38.459	ng		96
61) 4-Nitroaniline	10.52	138	239882	40.533	ng		95
62) Azobenzene	10.65	77	827689	38.122	ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	142769	42.557	ng		95
65) n-Nitrosodiphenylamine	10.61	169	760003	39.787	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	214981	39.832	ng		99
67) Hexachlorobenzene	11.05	284	230380	39.966	ng		95
68) Atrazine	11.13	200	219969	38.275	ng		100
69) Pentachlorophenol	11.24	266	142440	39.704	ng		98
70) Phenanthrene	11.47	178	1144199	38.768	ng		99
71) Anthracene	11.52	178	1189091	39.375	ng		99
72) Carbazole	11.67	167	1148792	38.846	ng		100
73) Di-n-butylphthalate	11.99	149	1390148	39.054	ng		100
74) Fluoranthene	12.65	202	1146873	38.374	ng		98
76) Benzidine	12.77	184	616021	41.281	ng		100
77) Pyrene	12.89	202	1196594	38.894	ng		100
79) Butylbenzylphthalate	13.49	149	573186	39.642	ng		100
80) Benzo(a)anthracene	14.07	228	957697	39.201	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	356386	39.793	ng		99
82) Chrysene	14.11	228	900252	38.706	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	791500	39.755	ng		98
84) Di-n-octyl phthalate	14.66	149	1287592	40.164	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	779681	41.905	ng		97
87) Benzo(b)fluoranthene	15.13	252	851651m	40.124	ng		
88) Benzo(k)fluoranthene	15.16	252	784672	37.428	ng		99
89) Benzo(a)pyrene	15.50	252	760767	39.046	ng	#	96
90) Dibenzo(a,h)anthracene	17.10	278	631126	40.476	ng		98
91) Benzo(g,h,i)perylene	17.54	276	635147	41.208	ng		96

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

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