Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096283.D
Acq On : 29 Jun 2017 11:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/30/2017 2:51:39 PM

Quant Time: Jun 29 17:51:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	201862	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	860994	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	369283	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	607042	20.00	ng		0.00
75) Chrysene-d12	13.92	240	449533	20.00	ng		0.00
86) Perylene-d12	15.34	264	425885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1146169	81.80	ng		0.00
7) Phenol-d6	6.40	99	1422383	83.84	ng		0.01
23) Nitrobenzene-d5	7.34	82	1159353	93.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	316114	108.77	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1750100	86.79	ng		-0.02
78) Terphenyl-d14	12.87	244	1390728	77.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	277807	41.57	ng	#	79
3) Pyridine	3.19	79	779790	42.54	ng	#	70
4) n-Nitrosodimethylamine	3.14	42	377539	41.64	ng		92
6) Aniline	6.43	93	973094	41.60	ng		99
8) 2-Chlorophenol	6.56	128	572951	41.67	ng		92
9) Benzaldehyde	6.32	77	433321	42.91	ng		93
10) Phenol	6.42	94	781127	41.88	ng		92
11) bis(2-Chloroethyl)ether	6.51	93	630063	41.28	ng		92
12) 1,3-Dichlorobenzene	6.72	146	622287	41.07	ng		99
13) 1,4-Dichlorobenzene	6.79	146	616933	40.56	ng		96
14) 1,2-Dichlorobenzene	6.95	146	567064	40.92	ng		99
15) Benzyl Alcohol	6.92	79	492957	43.06	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1315529	40.80	ng		92
17) 2-Methylphenol	7.03	107	504816	42.34	ng		97
18) Hexachloroethane	7.29	117	232822	42.44	ng	#	83
19) n-Nitroso-di-n-propylamine	7.19	70	425056	41.82	ng	#	84
20) 3+4-Methylphenols	7.18	107	557281	40.98	ng		97
22) Acetophenone	7.19	105	728685	40.72	ng	#	93
24) Nitrobenzene	7.36	77	641073	46.55	ng		94
25) Isophorone	7.60	82	1171784	41.48	ng		97
26) 2-Nitrophenol	7.67	139	315381	49.55	ng	#	84
27) 2,4-Dimethylphenol	7.71	122	524570	41.10	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	771284	40.31	ng		99
29) 2,4-Dichlorophenol	7.91	162	469421	43.12	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	439700	40.70	ng		96
31) Naphthalene	8.08	128	1677110	40.41	ng		100
32) Benzoic acid	7.84	122	363678	41.68	ng		91
33) 4-Chloroaniline	8.12	127	716079	41.68	ng		99
34) Hexachlorobutadiene	8.20	225	222923	41.59	ng		96
35) Caprolactam	8.50	113	165028	43.87	ng	#	60
36) 4-Chloro-3-methylphenol	8.60	107	498624	42.10	ng		89
37) 2-Methylnaphthalene	8.77	142	1084323	40.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	366436	40.99	ng		99
40) Hexachlorocyclopentadiene	8.93	237	191330	47.75	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	297121	44.09	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	308345	43.41	ng		98
45) 1,1'-Biphenyl	9.23	154	1176939	41.54	ng		96
46) 2-Chloronaphthalene	9.26	162	951051	40.46	ng		93
47) 2-Nitroaniline	9.35	65	368636	49.66	ng		98
48) Acenaphthylene	9.67	152	1570560	40.27	ng		100
49) Dimethylphthalate	9.53	163	1085900	41.09	ng		99
50) 2,6-Dinitrotoluene	9.59	165	253393	46.09	ng	#	86
51) Acenaphthene	9.85	154	938740	40.90	ng		99
52) 3-Nitroaniline	9.76	138	325675	46.26	ng		95
53) 2,4-Dinitrophenol	9.86	184	121065	58.59	ng	#	74
54) Dibenzofuran	10.02	168	1247459	41.62	ng		100
55) 4-Nitrophenol	9.91	139	265220	46.59	ng	#	63
56) 2,4-Dinitrotoluene	9.99	165	333057	48.07	ng	#	79
57) Fluorene	10.36	166	900629	44.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	213094	42.94	ng		98
59) Diethylphthalate	10.23	149	1047272	39.47	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	375381	43.87	ng		94
61) 4-Nitroaniline	10.37	138	282378	46.11	ng		88
62) Azobenzene	10.51	77	1082209	40.44	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	169166	52.17	ng		79
65) n-Nitrosodiphenylamine	10.47	169	862029	39.48	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	259663	41.57	ng		93
67) Hexachlorobenzene	10.91	284	283932	44.22	ng		95
68) Atrazine	10.99	200	234296	40.68	ng		93
69) Pentachlorophenol	11.09	266	181158	49.42	ng		99
70) Phenanthrene	11.32	178	1334751	43.61	ng		99
71) Anthracene	11.36	178	1383494	40.78	ng		99
72) Carbazole	11.52	167	1473653	39.35	ng		99
73) Di-n-butylphthalate	11.86	149	1580082	39.96	ng		98
74) Fluoranthene	12.50	202	1348216	39.98	ng		96
76) Benzidine	12.62	184	628460	37.29	ng	#	93
77) Pyrene	12.73	202	1373951	37.19	ng		100
79) Butylbenzylphthalate	13.35	149	675651	39.91	ng	#	82
80) Benzo(a)anthracene	13.91	228	1013854	37.00	ng		97
81) 3,3'-Dichlorobenzidine	13.87	252	431965	41.40	ng	#	97
82) Chrysene	13.95	228	1057541	37.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	697880	37.93	ng	#	99
84) Di-n-octyl phthalate	14.52	149	1465232	38.66	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.74	276	940948	40.00	ng		100
87) Benzo(b)fluoranthene	14.94	252	1017710m	36.38	ng		
88) Benzo(k)fluoranthene	14.97	252	979542	38.35	ng		98
89) Benzo(a)pyrene	15.29	252	943150	38.17	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	782139	40.42	ng		97
91) Benzo(g,h,i)perylene	17.16	276	806184	40.08	ng		98

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

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