Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098654.D
Acq On : 20 Sep 2017 12:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/22/2017 3:31:28 PM

Quant Time: Sep 21 05:51:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	86267	20.00	ng		-0.01
21) Naphthalene-d8	7.90	136	351310	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	161733	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	311396	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	209676	20.00	ng		-0.01
86) Perylene-d12	15.17	264	151672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	466539	79.96	ng		-0.02
7) Phenol-d6	6.28	99	575305	77.66	ng		-0.01
23) Nitrobenzene-d5	7.20	82	501786	79.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.45	330	112480	104.20	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	928425	97.30	ng		-0.02
78) Terphenyl-d14	12.72	244	909441	93.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	128940	42.816	ng		90
3) Pyridine	2.89	79	258867m	32.369	ng		
4) n-Nitrosodimethylamine	2.86	42	128697	32.824	ng		84
6) Aniline	6.29	93	349885	37.647	ng	#	42
8) 2-Chlorophenol	6.41	128	260822	40.652	ng		97
9) Benzaldehyde	6.17	77	158565	32.743	ng		95
10) Phenol	6.29	94	331386	38.512	ng	#	64
11) bis(2-Chloroethyl)ether	6.36	93	225750	34.797	ng		95
12) 1,3-Dichlorobenzene	6.56	146	270686m	41.916	ng		
13) 1,4-Dichlorobenzene	6.64	146	278213	42.060	ng		96
14) 1,2-Dichlorobenzene	6.79	146	253487	42.063	ng		98
15) Benzyl Alcohol	6.78	79	212073	43.014	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	349956	32.785	ng	#	42
17) 2-Methylphenol	6.90	107	199726	38.176	ng	#	87
18) Hexachloroethane	7.13	117	100334	39.607	ng		94
19) n-Nitroso-di-n-propylamine	7.05	70	174635	37.477	ng		92
20) 3+4-Methylphenols	7.06	107	275749	41.766	ng	#	66
22) Acetophenone	7.05	105	379455	41.791	ng	#	91
24) Nitrobenzene	7.22	77	279278	38.908	ng		98
25) Isophorone	7.46	82	464382	36.423	ng		97
26) 2-Nitrophenol	7.53	139	136550	47.116	ng	#	75
27) 2,4-Dimethylphenol	7.58	122	220245	39.866	ng		91
28) bis(2-Chloroethoxy)methane	7.67	93	288783	37.120	ng		99
29) 2,4-Dichlorophenol	7.78	162	208834	45.450	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	228985	45.813	ng		96
31) Naphthalene	7.93	128	725248	41.760	ng		100
32) Benzoic acid	7.75	122	137717	38.959	ng		96
33) 4-Chloroaniline	7.99	127	284320	40.282	ng		99
34) Hexachlorobutadiene	8.04	225	125604	48.951	ng		96
35) Caprolactam	8.37	113	58388m	36.851	ng		
36) 4-Chloro-3-methylphenol	8.49	107	239586	42.045	ng		87
37) 2-Methylnaphthalene	8.62	142	449063	42.687	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	235388	46.723	ng		98
40) Hexachlorocyclopentadiene	8.77	237	46140	37.262	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	133638	45.161	ng		92
43) 2,4,5-Trichlorophenol	8.96	196	136281	44.062	ng		89
45) 1,1'-Biphenyl	9.09	154	628235	43.398	ng		100
46) 2-Chloronaphthalene	9.11	162	443990	42.946	ng		95
47) 2-Nitroaniline	9.22	65	152768	38.499	ng		98
48) Acenaphthylene	9.52	152	653972	42.544	ng		99
49) Dimethylphthalate	9.39	163	515668	41.189	ng		98
50) 2,6-Dinitrotoluene	9.46	165	115362	44.859	ng	#	68
51) Acenaphthene	9.69	154	414095	42.379	ng		97
52) 3-Nitroaniline	9.63	138	125964	40.577	ng		100
53) 2,4-Dinitrophenol	9.75	184	43687	40.634	ng	#	80
54) Dibenzofuran	9.86	168	567019	44.048	ng		98
55) 4-Nitrophenol	9.82	139	81117	45.482	ng	#	53
56) 2,4-Dinitrotoluene	9.87	165	148861	47.613	ng	#	75
57) Fluorene	10.20	166	477340	44.801	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	94047	45.245	ng		95
59) Diethylphthalate	10.09	149	508478	42.706	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	230375	46.812	ng		89
61) 4-Nitroaniline	10.25	138	118986	37.954	ng		80
62) Azobenzene	10.36	77	458699	35.745	ng		95
64) 4,6-Dinitro-2-methylphenol	10.28	198	80813	42.900	ng	#	73
65) n-Nitrosodiphenylamine	10.32	169	418351	41.375	ng		98
66) 4-Bromophenyl-phenylether	10.69	248	131678	44.555	ng		94
67) Hexachlorobenzene	10.75	284	137538	45.880	ng	#	86
68) Atrazine	10.85	200	131713	42.313	ng		98
69) Pentachlorophenol	10.96	266	50386	41.615	ng		92
70) Phenanthrene	11.16	178	678410	41.096	ng		99
71) Anthracene	11.22	178	699834	41.291	ng		98
72) Carbazole	11.37	167	629205	39.834	ng		99
73) Di-n-butylphthalate	11.70	149	770696	40.723	ng		99
74) Fluoranthene	12.35	202	684753	41.435	ng		96
76) Benzidine	12.47	184	339821	36.620	ng		94
77) Pyrene	12.57	202	701340	42.401	ng		99
79) Butylbenzylphthalate	13.20	149	301373	41.999	ng	#	87
80) Benzo(a)anthracene	13.76	228	523263	42.566	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	202120	42.308	ng	#	95
82) Chrysene	13.80	228	514545	41.408	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	371565	41.259	ng	#	99
84) Di-n-octyl phthalate	14.36	149	558698	36.159	ng		99
85) Indeno(1,2,3-cd)pyrene	16.50	276	330738	37.937	ng	#	92
87) Benzo(b)fluoranthene	14.78	252	402109	42.164	ng		98
88) Benzo(k)fluoranthene	14.80	252	397851	44.687	ng	#	94
89) Benzo(a)pyrene	15.12	252	359661	42.332	ng	#	97
90) Dibenzo(a,h)anthracene	16.50	278	273113	44.190	ng		95
91) Benzo(g,h,i)perylene	16.89	276	271539	43.681	ng	#	91

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

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