Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093104.D
Acq On : 23 Feb 2017 15:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/24/2017 2:10:59 PM

Quant Time: Feb 23 23:55:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	197176	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	815988	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	435641	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	752072	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	599017	20.00	ng		-0.01
86) Perylene-d12	15.43	264	513471	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	965989	84.05	ng		-0.01
7) Phenol-d6	6.49	99	1217505	82.33	ng		0.00
23) Nitrobenzene-d5	7.42	82	1231207	84.02	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	251145	79.71	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1741885	72.44	ng		-0.01
78) Terphenyl-d14	12.94	244	1833058	71.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	256881	41.36	ng		86
3) Pyridine	3.12	79	720281	45.61	ng		87
4) n-Nitrosodimethylamine	3.09	42	320398	43.21	ng		90
6) Aniline	6.51	93	878581	43.56	ng	#	47
8) 2-Chlorophenol	6.62	128	517368	40.80	ng		90
9) Benzaldehyde	6.38	77	366411	34.59	ng		90
10) Phenol	6.50	94	705331	40.77	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	559942	40.55	ng		90
12) 1,3-Dichlorobenzene	6.78	146	630654	42.47	ng		97
13) 1,4-Dichlorobenzene	6.86	146	645494	42.95	ng		93
14) 1,2-Dichlorobenzene	7.01	146	544387	37.88	ng		97
15) Benzyl Alcohol	6.99	79	410732	37.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	978381	40.78	ng		96
17) 2-Methylphenol	7.12	107	484808	44.57	ng		98
18) Hexachloroethane	7.36	117	212562	41.43	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	438815	46.62	ng		95
20) 3+4-Methylphenols	7.26	107	530731	40.81	ng	#	75
22) Acetophenone	7.26	105	699685	37.56	ng	#	93
24) Nitrobenzene	7.44	77	580921	38.61	ng		100
25) Isophorone	7.68	82	1176928	43.10	ng		95
26) 2-Nitrophenol	7.76	139	332579	46.50	ng		90
27) 2,4-Dimethylphenol	7.80	122	536440	42.71	ng		93
28) bis(2-Chloroethoxy)methane	7.89	93	788895	43.62	ng		99
29) 2,4-Dichlorophenol	8.00	162	456699	38.98	ng		90
30) 1,2,4-Trichlorobenzene	8.08	180	477480	37.82	ng		96
31) Naphthalene	8.16	128	1528183	36.94	ng		99
32) Benzoic acid	7.95	122	318305	45.21	ng		93
33) 4-Chloroaniline	8.21	127	717559	44.23	ng		98
34) Hexachlorobutadiene	8.27	225	249565	35.93	ng		100
35) Caprolactam	8.60	113	161598	43.85	ng	#	44
36) 4-Chloro-3-methylphenol	8.70	107	514842	42.15	ng		85
37) 2-Methylnaphthalene	8.84	142	1017754	38.32	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	480384	39.28	ng		99
40) Hexachlorocyclopentadiene	9.00	237	239434	43.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	314933	39.19	ng		93
43) 2,4,5-Trichlorophenol	9.17	196	360807	40.98	ng	#	88
45) 1,1'-Biphenyl	9.31	154	1229345	38.97	ng		97
46) 2-Chloronaphthalene	9.33	162	946077	38.34	ng		96
47) 2-Nitroaniline	9.44	65	360243	43.42	ng		98
48) Acenaphthylene	9.74	152	1533834	35.98	ng		99
49) Dimethylphthalate	9.62	163	1213941	41.37	ng		99
50) 2,6-Dinitrotoluene	9.68	165	258868	40.85	ng	#	75
51) Acenaphthene	9.92	154	888592	34.86	ng		97
52) 3-Nitroaniline	9.85	138	286349	39.48	ng		98
53) 2,4-Dinitrophenol	9.96	184	141072	45.91	ng	#	91
54) Dibenzofuran	10.09	168	1132132	33.21	ng		97
55) 4-Nitrophenol	10.02	139	227225	43.50	ng		82
56) 2,4-Dinitrotoluene	10.09	165	348968	41.36	ng	#	86
57) Fluorene	10.43	166	983563	37.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	265533	45.21	ng		94
59) Diethylphthalate	10.30	149	1099566	39.76	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	454787	36.09	ng		95
61) 4-Nitroaniline	10.46	138	314064	42.28	ng		91
62) Azobenzene	10.58	77	1138185	39.84	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	214409	46.90	ng		87
65) n-Nitrosodiphenylamine	10.54	169	885475	36.86	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	292806	37.27	ng		96
67) Hexachlorobenzene	10.98	284	294034	37.87	ng	#	93
68) Atrazine	11.07	200	271980	35.28	ng		99
69) Pentachlorophenol	11.17	266	167691	45.27	ng		96
70) Phenanthrene	11.39	178	1461278	33.91	ng		99
71) Anthracene	11.45	178	1749958	40.44	ng		98
72) Carbazole	11.60	167	1593066	38.52	ng		99
73) Di-n-butylphthalate	11.93	149	1758484	39.31	ng	#	98
74) Fluoranthene	12.58	202	1650981	37.15	ng		97
76) Benzidine	12.70	184	944590	37.01	ng		98
77) Pyrene	12.81	202	1686329	37.62	ng		99
79) Butylbenzylphthalate	13.42	149	806340	44.29	ng	#	78
80) Benzo(a)anthracene	14.00	228	1347317	36.77	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	536896	41.11	ng	#	95
82) Chrysene	14.03	228	1258511	36.69	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	970011	38.96	ng		99
84) Di-n-octyl phthalate	14.59	149	1780977	43.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	1058155	39.83	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	1424493m	42.15	ng		
88) Benzo(k)fluoranthene	15.05	252	1029409m	35.28	ng		
89) Benzo(a)pyrene	15.37	252	1147415	39.25	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	900671	38.12	ng		97
91) Benzo(g,h,i)perylene	17.25	276	892556	37.39	ng	#	91

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

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