Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070216\
Data File : BF088611.D
Acq On : 2 Jul 2016 12:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
umangi
7/5/2016 7:37:13 PM

Quant Time: Jul 03 03:08:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110177	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	445530	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	204143	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	408542	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	288933	20.00	ng		-0.01
86) Perylene-d12	15.33	264	276706	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	587050	79.85	ng		-0.02
7) Phenol-d6	6.42	99	731374	76.99	ng		-0.02
23) Nitrobenzene-d5	7.36	82	637246	74.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	151716	80.03	ng		-0.02
44) 2-Fluorobiphenyl	9.16	172	1132245	87.61	ng		-0.01
78) Terphenyl-d14	12.89	244	902196	69.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	132733	36.42	ng	#	35
3) Pyridine	3.02	79	367699	34.77	ng		96
4) n-Nitrosodimethylamine	2.97	42	143696	35.56	ng		91
6) Aniline	6.46	93	514905	37.19	ng		99
8) 2-Chlorophenol	6.58	128	306863	38.84	ng		86
9) Benzaldehyde	6.33	77	220277	34.23	ng		83
10) Phenol	6.44	94	408034	37.64	ng	#	67
11) bis(2-Chloroethyl)ether	6.54	93	329446	40.75	ng		85
12) 1,3-Dichlorobenzene	6.73	146	317045m	36.46	ng		
13) 1,4-Dichlorobenzene	6.81	146	316932	36.72	ng		96
14) 1,2-Dichlorobenzene	6.97	146	324906	40.22	ng		96
15) Benzyl Alcohol	6.94	79	255977	36.61	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	437787	37.39	ng		90
17) 2-Methylphenol	7.05	107	239878	37.22	ng		98
18) Hexachloroethane	7.31	117	132011	39.55	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	238333	37.35	ng	#	83
20) 3+4-Methylphenols	7.21	107	300714	38.87	ng	#	71
22) Acetophenone	7.21	105	432900	40.03	ng	#	88
24) Nitrobenzene	7.38	77	383857	44.78	ng		89
25) Isophorone	7.62	82	601552	38.20	ng		97
26) 2-Nitrophenol	7.70	139	156197	44.44	ng	#	74
27) 2,4-Dimethylphenol	7.74	122	269851	36.86	ng		90
28) bis(2-Chloroethoxy)methane	7.84	93	433444	42.29	ng	#	96
29) 2,4-Dichlorophenol	7.94	162	252073	42.60	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	253270	39.01	ng		99
31) Naphthalene	8.10	128	851091	38.75	ng		100
32) Benzoic acid	7.86	122	210360	39.58	ng		94
33) 4-Chloroaniline	8.15	127	368439	37.70	ng		94
34) Hexachlorobutadiene	8.23	225	147076	42.30	ng		98
35) Caprolactam	8.52	113	83820	41.71	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	291167	41.61	ng		92
37) 2-Methylnaphthalene	8.80	142	558878	39.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	261536	38.52	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	138817	41.65	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070216\
Data File : BF088611.D
Acq On : 2 Jul 2016 12:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
umangi
7/5/2016 7:37:13 PM

Quant Time: Jul 03 03:08:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	182309	40.72	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	177300	46.03	ng	#	90
45) 1,1'-Biphenyl	9.26	154	647896	38.33	ng		98
46) 2-Chloronaphthalene	9.28	162	514720	38.79	ng		98
47) 2-Nitroaniline	9.37	65	174914	37.14	ng		95
48) Acenaphthylene	9.69	152	840596	39.81	ng		100
49) Dimethylphthalate	9.56	163	644604	44.32	ng		99
50) 2,6-Dinitrotoluene	9.62	165	150058	46.55	ng	#	83
51) Acenaphthene	9.86	154	522405	40.36	ng		99
52) 3-Nitroaniline	9.78	138	147814	36.07	ng		88
53) 2,4-Dinitrophenol	9.88	184	67766	47.61	ng		90
54) Dibenzofuran	10.03	168	642008	37.90	ng	#	87
55) 4-Nitrophenol	9.94	139	139685	44.86	ng		96
56) 2,4-Dinitrotoluene	10.02	165	202455	48.04	ng		90
57) Fluorene	10.38	166	479902	36.76	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	131146	44.01	ng	#	57
59) Diethylphthalate	10.26	149	615716	42.18	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	249622	41.15	ng		97
61) 4-Nitroaniline	10.40	138	185010	46.92	ng		98
62) Azobenzene	10.54	77	704096	42.29	ng		95
64) 4,6-Dinitro-2-methylphenol	10.42	198	87938	40.24	ng		93
65) n-Nitrosodiphenylamine	10.49	169	475628	34.40	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	149791	36.38	ng	#	69
67) Hexachlorobenzene	10.92	284	173438	38.06	ng		94
68) Atrazine	11.02	200	143277	33.25	ng		91
69) Pentachlorophenol	11.12	266	115018	42.64	ng		99
70) Phenanthrene	11.34	178	858036	38.42	ng		99
71) Anthracene	11.38	178	769962	34.67	ng		99
72) Carbazole	11.54	167	839146	40.15	ng		99
73) Di-n-butylphthalate	11.89	149	957786	39.40	ng		98
74) Fluoranthene	12.51	202	807993	35.69	ng		98
76) Benzidine	12.64	184	504216	34.53	ng		99
77) Pyrene	12.74	202	846338	34.55	ng		100
79) Butylbenzylphthalate	13.37	149	409674	37.49	ng	#	82
80) Benzo(a)anthracene	13.93	228	706739	37.99	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	306496	43.82	ng	#	98
82) Chrysene	13.97	228	712393	38.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	486886	39.03	ng		98
84) Di-n-octyl phthalate	14.55	149	922009	43.50	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.67	276	544856	38.47	ng	#	100
87) Benzo(b)fluoranthene	14.94	252	621501	35.81	ng	#	95
88) Benzo(k)fluoranthene	14.97	252	645582m	42.72	ng		
89) Benzo(a)pyrene	15.28	252	589478	40.11	ng	#	94
90) Dibenzo(a,h)anthracene	16.69	278	463596	37.78	ng		99
91) Benzo(g,h,i)perylene	17.07	276	472766	37.23	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070216\
Data File : BF088611.D
Acq On : 2 Jul 2016 12:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 03:08:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
umangi
7/5/2016 7:37:13 PM