Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092946.D
Acq On : 14 Feb 2017 16:14
Operator : SJ/MA
Sample : I1792-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Manual Integrations APPROVED
mohammad
2/15/2017 9:06:00 AM

Quant Time: Feb 14 16:57:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	155851	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	655607	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	337670	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	528207	20.00	ng		0.00
75) Chrysene-d12	14.03	240	324820	20.00	ng		-0.02
86) Perylene-d12	15.47	264	300310	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1235607	136.02	ng		0.00
7) Phenol-d6	6.52	99	1629343	139.40	ng		-0.01
23) Nitrobenzene-d5	7.45	82	911590	77.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	285788	117.02	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1554561	83.41	ng		0.00
78) Terphenyl-d14	12.98	244	1131913	81.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	147457	30.04	ng	#	84
3) Pyridine	3.25	79	357472	28.64	ng		85
4) n-Nitrosodimethylamine	3.21	42	222717	38.00	ng		89
6) Aniline	6.54	93	335564	21.05	ng	#	83
8) 2-Chlorophenol	6.67	128	411537	41.06	ng		94
9) Benzaldehyde	6.43	77	99336	11.86	ng		93
10) Phenol	6.54	94	495442	36.23	ng		88
11) bis(2-Chloroethyl)ether	6.62	93	427017	39.12	ng		96
12) 1,3-Dichlorobenzene	6.82	146	437901m	37.31	ng		
13) 1,4-Dichlorobenzene	6.90	146	472174	39.74	ng		95
14) 1,2-Dichlorobenzene	7.05	146	397483	34.99	ng		98
15) Benzyl Alcohol	7.02	79	324173	37.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	701736	37.00	ng		94
17) 2-Methylphenol	7.14	107	348468	40.53	ng		97
18) Hexachloroethane	7.39	117	149218	36.79	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	275568	37.04	ng		95
20) 3+4-Methylphenols	7.30	107	405514	39.45	ng		97
22) Acetophenone	7.30	105	541073	36.15	ng	#	90
24) Nitrobenzene	7.47	77	494329	40.89	ng		90
25) Isophorone	7.71	82	825775	37.64	ng		98
26) 2-Nitrophenol	7.78	139	216436	37.66	ng		93
27) 2,4-Dimethylphenol	7.82	122	391619	38.80	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	496523	34.17	ng		98
29) 2,4-Dichlorophenol	8.03	162	375611	39.91	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	378595	37.33	ng		98
31) Naphthalene	8.19	128	1209217	36.38	ng		99
32) Benzoic acid	7.90	122	36745	12.63	ng		95
33) 4-Chloroaniline	8.24	127	159360	12.23	ng		98
34) Hexachlorobutadiene	8.30	225	202036	36.20	ng		99
35) Caprolactam	8.60	113	104134	35.17	ng	#	40
36) 4-Chloro-3-methylphenol	8.73	107	367262	37.43	ng		96
37) 2-Methylnaphthalene	8.88	142	760670	35.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	347114	36.62	ng		99
40) Hexachlorocyclopentadiene	9.02	237	224206	52.43	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092946.D
Acq On : 14 Feb 2017 16:14
Operator : SJ/MA
Sample : I1792-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-002-BMS

Manual Integrations APPROVED
mohammad
2/15/2017 9:06:00 AM

Quant Time: Feb 14 16:57:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	250752	40.26	ng		95
43) 2,4,5-Trichlorophenol	9.21	196	245940	36.04	ng	#	83
45) 1,1'-Biphenyl	9.34	154	959228	39.23	ng		100
46) 2-Chloronaphthalene	9.37	162	771319	40.33	ng		97
47) 2-Nitroaniline	9.46	65	228951	35.60	ng		93
48) Acenaphthylene	9.78	152	1122886	33.98	ng		99
49) Dimethylphthalate	9.64	163	1021792	44.93	ng		99
50) 2,6-Dinitrotoluene	9.71	165	210008	42.76	ng	#	82
51) Acenaphthene	9.95	154	678273	34.33	ng		97
52) 3-Nitroaniline	9.87	138	132249	23.53	ng		100
53) 2,4-Dinitrophenol	9.98	184	127241	52.64	ng	#	91
54) Dibenzofuran	10.12	168	993450	37.60	ng		95
55) 4-Nitrophenol	10.04	139	254438	62.85	ng		93
56) 2,4-Dinitrotoluene	10.11	165	259500	39.68	ng		90
57) Fluorene	10.46	166	785501	38.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	191398	42.04	ng		94
59) Diethylphthalate	10.34	149	804841	37.55	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	330385	33.83	ng		93
61) 4-Nitroaniline	10.49	138	178267	30.96	ng		93
62) Azobenzene	10.61	77	872134	39.38	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	121391	38.33	ng		86
65) n-Nitrosodiphenylamine	10.58	169	715580	42.41	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	214160	38.81	ng		93
67) Hexachlorobenzene	11.01	284	214483	39.33	ng	#	92
68) Atrazine	11.10	200	222370	41.07	ng		97
69) Pentachlorophenol	11.21	266	214656	76.59	ng		98
70) Phenanthrene	11.42	178	1134544	37.49	ng		99
71) Anthracene	11.47	178	1091992	35.93	ng		98
72) Carbazole	11.63	167	930848	32.04	ng		99
73) Di-n-butylphthalate	11.96	149	1330786	42.36	ng	#	96
74) Fluoranthene	12.61	202	1107994	35.50	ng		90
76) Benzidine	12.73	184	278205	20.10	ng		97
77) Pyrene	12.84	202	1069343	43.99	ng		98
79) Butylbenzylphthalate	13.45	149	433461	43.91	ng		95
80) Benzo(a)anthracene	14.02	228	693274	34.90	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	160132	22.61	ng	#	95
82) Chrysene	14.05	228	641962	34.51	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	558464	41.37	ng		99
84) Di-n-octyl phthalate	14.63	149	874404	39.78	ng		100
85) Indeno(1,2,3-cd)pyrene	16.89	276	772355	53.61	ng		95
87) Benzo(b)fluoranthene	15.06	252	750841m	37.99	ng		
88) Benzo(k)fluoranthene	15.08	252	558598m	32.73	ng		
89) Benzo(a)pyrene	15.41	252	651289	38.09	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	620966	44.94	ng		96
91) Benzo(g,h,i)perylene	17.32	276	676232	48.44	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092946.D
Acq On : 14 Feb 2017 16:14
Operator : SJ/MA
Sample : I1792-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 14 16:57:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMS

Manual Integrations APPROVED
mohammad
2/15/2017 9:06:00 AM