Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088652.D
Acq On : 3 Jul 2016 16:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED
umangi
7/5/2016 7:51:40 PM

Quant Time: Jul 04 05:58:40 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	6.79	152	111391	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	428631	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	202030	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	405957	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	264200	20.00	ng		-0.02
86) Perylene-d12	15.31	264	240188	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	492758	66.30	ng		-0.03
7) Phenol-d6	6.42	99	671762	69.95	ng		-0.02
23) Nitrobenzene-d5	7.35	82	677452	82.83	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	151756	80.89	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	1117853	87.40	ng		-0.02
78) Terphenyl-d14	12.88	244	850811	71.73	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	124272	33.72	ng	#	35
3) Pyridine	3.00	79	351260	32.85	ng		94
4) n-Nitrosodimethylamine	2.97	42	134325	32.88	ng		82
6) Aniline	6.44	93	476496	34.05	ng		96
8) 2-Chlorophenol	6.57	128	310170	38.83	ng		92
9) Benzaldehyde	6.33	77	219269	33.71	ng		94
10) Phenol	6.43	94	392163	35.78	ng		74
11) bis(2-Chloroethyl)ether	6.52	93	295798	36.19	ng		91
12) 1,3-Dichlorobenzene	6.73	146	319611m	36.36	ng		
13) 1,4-Dichlorobenzene	6.80	146	305286	34.99	ng		94
14) 1,2-Dichlorobenzene	6.96	146	323582m	39.62	ng		
15) Benzyl Alcohol	6.92	79	247998	35.09	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	401269	33.90	ng		91
17) 2-Methylphenol	7.05	107	260361	39.95	ng		98
18) Hexachloroethane	7.30	117	128936	38.20	ng		89
19) n-Nitroso-di-n-propylamine	7.21	70	238262	36.93	ng		89
20) 3+4-Methylphenols	7.20	107	262586	33.57	ng	#	66
22) Acetophenone	7.20	105	396910	38.15	ng	#	86
24) Nitrobenzene	7.37	77	332788	40.35	ng	#	84
25) Isophorone	7.61	82	572092	37.76	ng		95
26) 2-Nitrophenol	7.69	139	168694	49.88	ng	#	86
27) 2,4-Dimethylphenol	7.74	122	286861	40.73	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	378647	38.40	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	240923	42.32	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	247862	39.68	ng		97
31) Naphthalene	8.09	128	803015	38.00	ng		100
32) Benzoic acid	7.86	122	212857	41.62	ng		90
33) 4-Chloroaniline	8.15	127	403583	42.93	ng	#	93
34) Hexachlorobutadiene	8.22	225	138966	41.55	ng		98
35) Caprolactam	8.51	113	78190	40.44	ng		98
36) 4-Chloro-3-methylphenol	8.63	107	291599	43.32	ng		95
37) 2-Methylnaphthalene	8.79	142	578240	42.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	254548	37.88	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	131656	39.92	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088652.D
Acq On : 3 Jul 2016 16:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED
umangi
7/5/2016 7:51:40 PM

Quant Time: Jul 04 05:58:40 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	9.06	196	182856	41.27	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	159563	41.86	ng	#	85
45) 1,1'-Biphenyl	9.24	154	643625	38.47	ng		97
46) 2-Chloronaphthalene	9.27	162	496013	37.77	ng		96
47) 2-Nitroaniline	9.36	65	175380	37.63	ng		94
48) Acenaphthylene	9.68	152	802413	38.40	ng		100
49) Dimethylphthalate	9.55	163	608833	42.30	ng		100
50) 2,6-Dinitrotoluene	9.61	165	145520	45.62	ng	#	77
51) Acenaphthene	9.85	154	510246	39.83	ng		99
52) 3-Nitroaniline	9.77	138	153987	37.97	ng		86
53) 2,4-Dinitrophenol	9.87	184	59529	42.26	ng	#	79
54) Dibenzofuran	10.02	168	645647	38.51	ng	#	86
55) 4-Nitrophenol	9.93	139	110959	36.01	ng		91
56) 2,4-Dinitrotoluene	10.01	165	195880	46.96	ng	#	75
57) Fluorene	10.36	166	466894	36.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	133373	45.22	ng	#	56
59) Diethylphthalate	10.25	149	608909	42.15	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	248196	41.34	ng		97
61) 4-Nitroaniline	10.39	138	173354	44.42	ng		89
62) Azobenzene	10.52	77	691974	42.00	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	85499	39.38	ng		81
65) n-Nitrosodiphenylamine	10.48	169	455626	33.16	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	152758	37.34	ng	#	88
67) Hexachlorobenzene	10.91	284	166268	36.72	ng		97
68) Atrazine	11.00	200	158395	37.00	ng		90
69) Pentachlorophenol	11.11	266	112375	41.93	ng		99
70) Phenanthrene	11.32	178	829433	37.38	ng		99
71) Anthracene	11.37	178	761430	34.51	ng		99
72) Carbazole	11.53	167	815442	39.26	ng		99
73) Di-n-butylphthalate	11.87	149	943993	39.08	ng		98
74) Fluoranthene	12.50	202	764761	33.99	ng		97
76) Benzidine	12.63	184	467722	35.02	ng		99
77) Pyrene	12.73	202	817757	36.51	ng		100
79) Butylbenzylphthalate	13.36	149	390029	39.03	ng	#	84
80) Benzo(a)anthracene	13.91	228	657036	38.62	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	267036	41.75	ng		100
82) Chrysene	13.95	228	685082	40.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	470307	41.23	ng		98
84) Di-n-octyl phthalate	14.53	149	835265	43.10	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	511151	39.47	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	576359	38.25	ng	#	97
88) Benzo(k)fluoranthene	14.95	252	536311m	40.89	ng		
89) Benzo(a)pyrene	15.26	252	491751	38.55	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	437755	41.09	ng		99
91) Benzo(g,h,i)perylene	17.05	276	448300	40.67	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088652.D
Acq On : 3 Jul 2016 16:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 05:58:40 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 :
SSTDCCC040EC

Manual Integrations
APPROVED
umangi
7/5/2016 7:51:40 PM