Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF095999.D
Acq On : 19 Jun 2017 11:13
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/20/2017 4:28:35 PM

Quant Time: Jun 20 02:18:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	84001	20.00	ng		-0.02
21) Naphthalene-d8	9.34	136	353459	20.00	ng		-0.02
38) Acenaphthene-d10	12.16	164	158460	20.00	ng		-0.02
63) Phenanthrene-d10	14.55	188	275886	20.00	ng		-0.02
75) Chrysene-d12	18.28	240	218041	20.00	ng		-0.02
86) Perylene-d12	19.94	264	179647	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	439471	83.37	ng		-0.03
7) Phenol-d6	6.88	99	512697	81.24	ng		-0.03
23) Nitrobenzene-d5	8.24	82	458592	80.58	ng		-0.01
41) 2,4,6-Tribromophenol	13.46	330	112683	80.37	ng		-0.02
44) 2-Fluorobiphenyl	11.12	172	894110	78.52	ng		-0.02
78) Terphenyl-d14	16.93	244	717358	81.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.63	88	121585	48.48	ng	#	77
3) Pyridine	2.16	79	213567m	36.23	ng		
4) n-Nitrosodimethylamine	2.15	42	91790	40.96	ng		84
6) Aniline	6.81	93	337966	40.93	ng		95
8) 2-Chlorophenol	7.00	128	231086	41.23	ng		96
9) Benzaldehyde	6.62	77	156736	36.82	ng		100
10) Phenol	6.90	94	275576	42.09	ng		91
11) bis(2-Chloroethyl)ether	6.96	93	226316	43.64	ng		97
12) 1,3-Dichlorobenzene	7.20	146	258334	40.72	ng		98
13) 1,4-Dichlorobenzene	7.33	146	264844	41.16	ng		96
14) 1,2-Dichlorobenzene	7.57	146	248282	41.86	ng		95
15) Benzyl Alcohol	7.62	79	179337	41.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	306607	42.08	ng		99
17) 2-Methylphenol	7.85	107	199033	42.31	ng		93
18) Hexachloroethane	8.08	117	88977	41.87	ng		88
19) n-Nitroso-di-n-propylamine	8.05	70	172112	43.03	ng		93
20) 3+4-Methylphenols	8.12	107	260939	43.70	ng	#	58
22) Acetophenone	8.01	105	336725	40.70	ng	#	83
24) Nitrobenzene	8.26	77	242257	39.85	ng		94
25) Isophorone	8.67	82	427056	40.19	ng		95
26) 2-Nitrophenol	8.77	139	130714	41.06	ng		96
27) 2,4-Dimethylphenol	8.93	122	202864	41.06	ng		98
28) bis(2-Chloroethoxy)methane	9.05	93	285279	40.72	ng		99
29) 2,4-Dichlorophenol	9.20	162	192196	40.39	ng		99
30) 1,2,4-Trichlorobenzene	9.27	180	198294	40.05	ng		99
31) Naphthalene	9.37	128	705504	39.77	ng		100
32) Benzoic acid	9.32	122	110541	37.10	ng		93
33) 4-Chloroaniline	9.53	127	288003	41.54	ng	#	92
34) Hexachlorobutadiene	9.59	225	102574	40.10	ng		98
35) Caprolactam	10.18	113	58090	41.03	ng	#	86
36) 4-Chloro-3-methylphenol	10.42	107	203678	40.89	ng		92
37) 2-Methylnaphthalene	10.50	142	482809	40.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	195489	41.22	ng		98
40) Hexachlorocyclopentadiene	10.75	237	55117	43.11	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF095999.D
Acq On : 19 Jun 2017 11:13
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/20/2017 4:28:35 PM

Quant Time: Jun 20 02:18:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	125246	41.08	ng		99
43) 2,4,5-Trichlorophenol	11.11	196	122697	37.83	ng		95
45) 1,1'-Biphenyl	11.27	154	524310	40.15	ng		97
46) 2-Chloronaphthalene	11.28	162	406235	39.81	ng		92
47) 2-Nitroaniline	11.51	65	120748	40.44	ng	#	82
48) Acenaphthylene	11.93	152	664431	38.08	ng		97
49) Dimethylphthalate	11.83	163	466608	38.78	ng		98
50) 2,6-Dinitrotoluene	11.93	165	99950	38.09	ng	#	68
51) Acenaphthene	12.22	154	394268	39.12	ng		98
52) 3-Nitroaniline	12.19	138	123340	40.34	ng		90
53) 2,4-Dinitrophenol	12.43	184	48271m	36.33	ng		
54) Dibenzofuran	12.50	168	561525	39.59	ng		97
55) 4-Nitrophenol	12.63	139	54681	33.49	ng	#	73
56) 2,4-Dinitrotoluene	12.60	165	145644	41.09	ng		91
57) Fluorene	13.06	166	484619	39.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.76	232	86931	39.17	ng	#	93
59) Diethylphthalate	12.97	149	457248	39.49	ng		98
60) 4-Chlorophenyl-phenylether	13.08	204	214817	40.02	ng		92
61) 4-Nitroaniline	13.20	138	111022	38.89	ng		97
62) Azobenzene	13.34	77	412627	39.32	ng		95
64) 4,6-Dinitro-2-methylphenol	13.27	198	69234	38.18	ng	#	77
65) n-Nitrosodiphenylamine	13.30	169	397952	40.14	ng		98
66) 4-Bromophenyl-phenylether	13.86	248	115904	40.42	ng		97
67) Hexachlorobenzene	13.94	284	118426	41.92	ng	#	87
68) Atrazine	14.22	200	113973	41.31	ng		95
69) Pentachlorophenol	14.32	266	37751	38.93	ng		91
70) Phenanthrene	14.59	178	631430	39.67	ng		99
71) Anthracene	14.68	178	659639	39.69	ng		98
72) Carbazole	14.98	167	668878	41.30	ng		97
73) Di-n-butylphthalate	15.57	149	722460	41.93	ng		99
74) Fluoranthene	16.37	202	646429	41.03	ng		99
76) Benzidine	16.61	184	388244	46.36	ng	#	92
77) Pyrene	16.68	202	662056	40.69	ng		98
79) Butylbenzylphthalate	17.60	149	296998	41.80	ng	#	88
80) Benzo(a)anthracene	18.27	228	507264	40.01	ng		98
81) 3,3'-Dichlorobenzidine	18.26	252	182522	40.50	ng	#	94
82) Chrysene	18.32	228	511191	40.35	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	414853	41.39	ng	#	100
84) Di-n-octyl phthalate	19.12	149	668864	40.50	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	384043	35.43	ng		99
87) Benzo(b)fluoranthene	19.54	252	468139	41.62	ng		100
88) Benzo(k)fluoranthene	19.57	252	441130	41.03	ng		96
89) Benzo(a)pyrene	19.89	252	417056	40.34	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	329818	37.61	ng		97
91) Benzo(g,h,i)perylene	21.42	276	333295	37.28	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF095999.D
Acq On : 19 Jun 2017 11:13
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 20 02:18:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/20/2017 4:28:35 PM