Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084341.D
Acq On : 8 Jan 2016 22:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:40 AM

Quant Time: Jan 09 02:45:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	347735	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1395846	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	694624	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	1291549	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	882922	20.00	ng		-0.03
86) Perylene-d12	15.45	264	711079	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1526328	71.00	ng		-0.02
7) Phenol-d6	6.52	99	2086550	77.28	ng		-0.01
23) Nitrobenzene-d5	7.44	82	2061133	82.18	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	474473	67.66	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	3175160	80.04	ng		-0.03
78) Terphenyl-d14	12.98	244	3211426	81.19	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	401907	39.46	ng	#	74
3) Pyridine	3.16	79	1159338	40.83	ng	#	71
4) n-Nitrosodimethylamine	3.13	42	580426	39.82	ng		78
6) Aniline	6.52	93	1321608	33.46	ng		89
8) 2-Chlorophenol	6.65	128	938911	38.49	ng		82
9) Benzaldehyde	6.41	77	673640	38.32	ng		97
10) Phenol	6.53	94	1282400	41.77	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	941410	39.59	ng		85
12) 1,3-Dichlorobenzene	6.80	146	949860m	37.75	ng		
13) 1,4-Dichlorobenzene	6.88	146	976478	38.70	ng		97
14) 1,2-Dichlorobenzene	7.04	146	967835	40.05	ng		98
15) Benzyl Alcohol	7.01	79	811699	35.74	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1488132	34.36	ng	#	48
17) 2-Methylphenol	7.14	107	801103	39.19	ng	#	88
18) Hexachloroethane	7.37	117	389169	38.57	ng	#	86
19) n-Nitroso-di-n-propylamine	7.29	70	627015	34.30	ng	#	74
20) 3+4-Methylphenols	7.29	107	865653	36.03	ng	#	78
22) Acetophenone	7.28	105	1331029	39.66	ng	#	96
24) Nitrobenzene	7.45	77	939951	36.95	ng		94
25) Isophorone	7.70	82	1962203	40.91	ng		97
26) 2-Nitrophenol	7.77	139	573530	49.54	ng	#	91
27) 2,4-Dimethylphenol	7.81	122	769386	32.83	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	1208767	41.26	ng		97
29) 2,4-Dichlorophenol	8.02	162	845295	43.30	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	788018	39.10	ng		97
31) Naphthalene	8.17	128	2353263	37.16	ng		97
32) Benzoic acid	7.95	122	311584	24.23	ng		95
33) 4-Chloroaniline	8.22	127	1196516	41.21	ng		99
34) Hexachlorobutadiene	8.29	225	481338	41.55	ng		97
35) Caprolactam	8.62	113	286468	43.53	ng	#	51
36) 4-Chloro-3-methylphenol	8.72	107	811442	37.11	ng		94
37) 2-Methylnaphthalene	8.86	142	1893860	41.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	722073	36.16	ng		97
40) Hexachlorocyclopentadiene	9.01	237	343169	28.47	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084341.D
Acq On : 8 Jan 2016 22:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:40 AM

Quant Time: Jan 09 02:45:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	540725	36.19	ng		91
43) 2,4,5-Trichlorophenol	9.20	196	579643	40.47	ng		97
45) 1,1'-Biphenyl	9.33	154	2130037	38.58	ng		95
46) 2-Chloronaphthalene	9.36	162	1650524	38.06	ng	#	87
47) 2-Nitroaniline	9.45	65	526192	36.77	ng		99
48) Acenaphthylene	9.77	152	2461254	38.42	ng		95
49) Dimethylphthalate	9.64	163	2028387	40.85	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	496402	45.58	ng		95
51) Acenaphthene	9.94	154	1600497	37.24	ng		98
52) 3-Nitroaniline	9.87	138	590174	43.73	ng	#	82
53) 2,4-Dinitrophenol	9.96	184	128722	30.07	ng	#	77
54) Dibenzofuran	10.11	168	2161238	38.39	ng	#	89
55) 4-Nitrophenol	10.04	139	323773	33.05	ng	#	77
56) 2,4-Dinitrotoluene	10.10	165	636969	46.21	ng		96
57) Fluorene	10.45	166	1748561	40.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	476751	38.99	ng		88
59) Diethylphthalate	10.33	149	1807234	36.91	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	689214	36.45	ng		89
61) 4-Nitroaniline	10.49	138	536474	44.59	ng		92
62) Azobenzene	10.60	77	1885517	35.11	ng		87
64) 4,6-Dinitro-2-methylphenol	10.50	198	227847	29.48	ng	#	42
65) n-Nitrosodiphenylamine	10.57	169	1486856	36.01	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	496476	35.71	ng	#	81
67) Hexachlorobenzene	11.00	284	615916	39.37	ng	#	90
68) Atrazine	11.09	200	528138	39.08	ng		99
69) Pentachlorophenol	11.20	266	286484	35.31	ng		98
70) Phenanthrene	11.41	178	2510712	37.16	ng		94
71) Anthracene	11.46	178	2639649	39.86	ng		98
72) Carbazole	11.62	167	2084703	32.20	ng		97
73) Di-n-butylphthalate	11.95	149	2574145	35.28	ng	#	94
74) Fluoranthene	12.60	202	2817181	39.92	ng		94
76) Benzidine	12.72	184	1049708	33.16	ng		99
77) Pyrene	12.83	202	2835794	40.93	ng		97
79) Butylbenzylphthalate	13.45	149	1166928	38.92	ng		91
80) Benzo(a)anthracene	14.02	228	2008998	38.75	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	797416	44.07	ng	#	98
82) Chrysene	14.05	228	2001625	40.18	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1442316	38.08	ng		97
84) Di-n-octyl phthalate	14.63	149	2531438	39.59	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.85	276	1698702	43.02	ng		100
87) Benzo(b)fluoranthene	15.04	252	2100263m	45.15	ng		
88) Benzo(k)fluoranthene	15.07	252	1273824m	33.48	ng		
89) Benzo(a)pyrene	15.39	252	1543908	39.13	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	1373102	40.45	ng		98
91) Benzo(g,h,i)perylene	17.28	276	1436876	40.87	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084341.D
Acq On : 8 Jan 2016 22:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 02:45:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:40 AM