Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082893.D
Acq On : 13 Nov 2015 12:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:43:53 PM

Quant Time: Nov 13 22:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	190519	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	724404	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	399583	20.00	ng		-0.05
63) Phenanthrene-d10	11.32	188	721140	20.00	ng		-0.06
75) Chrysene-d12	13.97	240	694132	20.00	ng		-0.05
86) Perylene-d12	15.41	264	695829	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	931519	76.08	ng		-0.06
7) Phenol-d6	6.44	99	1294691	79.53	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1217178	73.11	ng		-0.04
41) 2,4,6-Tribromophenol	10.64	330	330028	72.03	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	2016042	72.31	ng		-0.05
78) Terphenyl-d14	12.92	244	2156056	73.67	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	226952	42.96	ng		96
3) Pyridine	3.02	79	724760	47.27	ng		94
4) n-Nitrosodimethylamine	2.97	42	273604	35.98	ng	#	73
6) Aniline	6.46	93	896403	39.22	ng		93
8) 2-Chlorophenol	6.58	128	503889	37.12	ng	#	76
9) Benzaldehyde	6.34	77	348854	38.79	ng		92
10) Phenol	6.45	94	790454	42.79	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	491151	35.56	ng		95
12) 1,3-Dichlorobenzene	6.74	146	566550	37.01	ng	#	92
13) 1,4-Dichlorobenzene	6.82	146	606542	38.08	ng		94
14) 1,2-Dichlorobenzene	6.98	146	525474m	36.28	ng		
15) Benzyl Alcohol	6.94	79	501591	35.09	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	867710	42.83	ng		95
17) 2-Methylphenol	7.07	107	452583	39.36	ng		93
18) Hexachloroethane	7.32	117	216431	37.99	ng	#	84
19) n-Nitroso-di-n-propylamine	7.22	70	435502	36.39	ng		92
20) 3+4-Methylphenols	7.22	107	513253	34.34	ng		93
22) Acetophenone	7.22	105	800993	38.59	ng		94
24) Nitrobenzene	7.39	77	660230	38.78	ng		94
25) Isophorone	7.63	82	1178616	38.26	ng		97
26) 2-Nitrophenol	7.71	139	267414	37.63	ng	#	48
27) 2,4-Dimethylphenol	7.76	122	489161	38.31	ng		88
28) bis(2-Chloroethoxy)methane	7.85	93	746285	42.95	ng		99
29) 2,4-Dichlorophenol	7.95	162	465074	40.30	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	466670	35.96	ng		97
31) Naphthalene	8.11	128	1434113	35.88	ng		99
32) Benzoic acid	7.87	122	335919	38.43	ng		90
33) 4-Chloroaniline	8.16	127	607932	35.29	ng		93
34) Hexachlorobutadiene	8.24	225	288297	35.50	ng		99
35) Caprolactam	8.53	113	141962	39.02	ng	#	90
36) 4-Chloro-3-methylphenol	8.65	107	476108	35.08	ng		92
37) 2-Methylnaphthalene	8.81	142	1056536m	40.86	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	453604	34.54	ng		97
40) Hexachlorocyclopentadiene	8.97	237	254065	36.01	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082893.D
Acq On : 13 Nov 2015 12:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:43:53 PM

Quant Time: Nov 13 22:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	326016	33.26	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	358842	37.02	ng	#	82
45) 1,1'-Biphenyl	9.28	154	1204940	35.14	ng		98
46) 2-Chloronaphthalene	9.29	162	914431	34.19	ng		96
47) 2-Nitroaniline	9.39	65	356925	35.97	ng	#	44
48) Acenaphthylene	9.71	152	1635141	39.01	ng		99
49) Dimethylphthalate	9.57	163	1080775	33.01	ng		100
50) 2,6-Dinitrotoluene	9.63	165	247979	35.50	ng		94
51) Acenaphthene	9.88	154	1004598	37.82	ng		99
52) 3-Nitroaniline	9.80	138	318425	41.45	ng	#	62
53) 2,4-Dinitrophenol	9.90	184	144633	37.71	ng	#	6
54) Dibenzofuran	10.05	168	1352816	37.77	ng		89
55) 4-Nitrophenol	9.96	139	221399	37.57	ng		85
56) 2,4-Dinitrotoluene	10.03	165	313143	33.04	ng		99
57) Fluorene	10.40	166	1093308	37.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	271192	34.28	ng	#	89
59) Diethylphthalate	10.27	149	1133849	35.47	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	455445	31.38	ng	#	86
61) 4-Nitroaniline	10.41	138	278242	36.01	ng	#	78
62) Azobenzene	10.54	77	1220862	35.56	ng		90
64) 4,6-Dinitro-2-methylphenol	10.44	198	205933	40.08	ng		81
65) n-Nitrosodiphenylamine	10.51	169	1000896	38.42	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	302512	34.84	ng	#	80
67) Hexachlorobenzene	10.94	284	347500	35.84	ng	#	75
68) Atrazine	11.04	200	294935	36.61	ng		98
69) Pentachlorophenol	11.14	266	229168	38.92	ng		99
70) Phenanthrene	11.36	178	1690478	40.37	ng		98
71) Anthracene	11.40	178	1504892	34.11	ng		99
72) Carbazole	11.56	167	1527933	39.57	ng		96
73) Di-n-butylphthalate	11.91	149	1894382	39.37	ng	#	96
74) Fluoranthene	12.53	202	1639553	36.48	ng		97
76) Benzidine	12.66	184	981294	42.18	ng		98
77) Pyrene	12.76	202	1661669	34.86	ng		99
79) Butylbenzylphthalate	13.39	149	847431	40.24	ng		95
80) Benzo(a)anthracene	13.96	228	1688438	38.90	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	623017	40.37	ng	#	98
82) Chrysene	14.00	228	1394185	35.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1151469	39.95	ng	#	96
84) Di-n-octyl phthalate	14.60	149	2018680	41.99	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	1562570	45.64	ng	#	95
87) Benzo(b)fluoranthene	15.01	252	1546170	34.62	ng	#	98
88) Benzo(k)fluoranthene	15.04	252	1458076m	36.80	ng		
89) Benzo(a)pyrene	15.36	252	1385810	35.81	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	1287337	39.29	ng	#	96
91) Benzo(g,h,i)perylene	17.21	276	1256539	40.03	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082893.D
Acq On : 13 Nov 2015 12:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 13 22:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:43:53 PM