Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084443.D
Acq On : 13 Jan 2016 7:01
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:50 PM

Quant Time: Jan 13 07:41:06 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	6.84	152	282912	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1200006	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	505824	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	885682	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	557046	20.00	ng		-0.06
86) Perylene-d12	15.43	264	544911	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1359217	77.71	ng		-0.04
7) Phenol-d6	6.49	99	1709771	77.83	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1541429	71.49	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	376869	73.80	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2174389	74.87	ng		-0.06
78) Terphenyl-d14	12.96	244	1937711	77.65	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	353783	42.70	ng	#	78
3) Pyridine	3.14	79	898359	38.89	ng	#	80
4) n-Nitrosodimethylamine	3.09	42	428327	36.12	ng	#	94
6) Aniline	6.51	93	1213581	37.76	ng		97
8) 2-Chlorophenol	6.64	128	799862	40.31	ng		92
9) Benzaldehyde	6.38	77	508657	35.56	ng		94
10) Phenol	6.51	94	915007	36.63	ng	#	59
11) bis(2-Chloroethyl)ether	6.58	93	776418	40.13	ng	#	81
12) 1,3-Dichlorobenzene	6.78	146	868227	42.41	ng		97
13) 1,4-Dichlorobenzene	6.86	146	868346m	42.30	ng		
14) 1,2-Dichlorobenzene	7.01	146	750908	38.20	ng		97
15) Benzyl Alcohol	6.99	79	601089	32.53	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1274363	36.17	ng		86
17) 2-Methylphenol	7.12	107	673114	40.47	ng		97
18) Hexachloroethane	7.36	117	323803	39.45	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	507729	34.14	ng	#	76
20) 3+4-Methylphenols	7.26	107	698221	35.72	ng	#	67
22) Acetophenone	7.25	105	1077644	37.35	ng		97
24) Nitrobenzene	7.44	77	883666	40.41	ng	#	88
25) Isophorone	7.68	82	1572279	38.13	ng		97
26) 2-Nitrophenol	7.74	139	392632	39.45	ng	#	81
27) 2,4-Dimethylphenol	7.79	122	687428	34.12	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	893610	35.48	ng		98
29) 2,4-Dichlorophenol	8.00	162	663389	39.53	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	696466	40.20	ng	#	94
31) Naphthalene	8.16	128	2227860	40.92	ng		99
32) Benzoic acid	7.92	122	324361	28.02	ng		97
33) 4-Chloroaniline	8.20	127	890184	35.66	ng		98
34) Hexachlorobutadiene	8.27	225	366789	36.83	ng		98
35) Caprolactam	8.58	113	204759	36.19	ng	#	47
36) 4-Chloro-3-methylphenol	8.69	107	681035	36.23	ng		95
37) 2-Methylnaphthalene	8.84	142	1334858	34.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	642348	44.17	ng		98
40) Hexachlorocyclopentadiene	9.00	237	332185	37.84	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084443.D
Acq On : 13 Jan 2016 7:01
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:50 PM

Quant Time: Jan 13 07:41:06 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	9.13	196	440331	40.47	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	417937	40.07	ng		93
45) 1,1'-Biphenyl	9.31	154	1766284	43.94	ng		99
46) 2-Chloronaphthalene	9.33	162	1279938	40.53	ng		93
47) 2-Nitroaniline	9.44	65	444175	42.62	ng	#	65
48) Acenaphthylene	9.74	152	1817430	38.96	ng		96
49) Dimethylphthalate	9.62	163	1512484	41.83	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	347658	43.83	ng	#	80
51) Acenaphthene	9.92	154	1189417	38.01	ng		98
52) 3-Nitroaniline	9.85	138	435377	44.30	ng	#	80
53) 2,4-Dinitrophenol	9.95	184	119590	37.38	ng	#	80
54) Dibenzofuran	10.09	168	1589160	38.80	ng		92
55) 4-Nitrophenol	10.02	139	271056	38.00	ng		87
56) 2,4-Dinitrotoluene	10.08	165	432848	43.12	ng		98
57) Fluorene	10.43	166	1135227	35.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	354969	39.86	ng		90
59) Diethylphthalate	10.32	149	1443601	40.49	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	631672	48.36	ng	#	88
61) 4-Nitroaniline	10.45	138	325649	37.17	ng		89
62) Azobenzene	10.59	77	1620725	41.45	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	196368	36.35	ng		72
65) n-Nitrosodiphenylamine	10.54	169	1075096	37.97	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	402223	42.19	ng	#	93
67) Hexachlorobenzene	10.98	284	404522	37.70	ng	#	89
68) Atrazine	11.08	200	379769	40.98	ng		92
69) Pentachlorophenol	11.17	266	180799	32.50	ng		97
70) Phenanthrene	11.39	178	1745717	37.68	ng		96
71) Anthracene	11.45	178	1941143	42.74	ng		97
72) Carbazole	11.61	167	1684438	37.94	ng		97
73) Di-n-butylphthalate	11.94	149	2077054	43.69	ng	#	97
74) Fluoranthene	12.58	202	1646155	34.01	ng		98
76) Benzidine	12.71	184	732138	36.66	ng		99
77) Pyrene	12.81	202	1705328	39.01	ng		98
79) Butylbenzylphthalate	13.44	149	710359	37.55	ng	#	84
80) Benzo(a)anthracene	14.00	228	1185410	36.24	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	478577	41.92	ng	#	97
82) Chrysene	14.03	228	1176087	37.42	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	848618	35.51	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1392233	34.51	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.82	276	1507481	60.51	ng		97
87) Benzo(b)fluoranthene	15.03	252	1303797m	36.58	ng		
88) Benzo(k)fluoranthene	15.05	252	1001856m	34.37	ng		
89) Benzo(a)pyrene	15.37	252	1165541	38.55	ng	#	95
90) Dibenzo(a,h)anthracene	16.84	278	1253520	48.18	ng		97
91) Benzo(g,h,i)perylene	17.24	276	1326754	49.24	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084443.D
Acq On : 13 Jan 2016 7:01
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 13 07:41:06 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 :
SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:50 PM