Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084325.D
Acq On : 8 Jan 2016 8:36
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

Quant Time: Jan 08 09:25:50 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	331559	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1334817	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	641796	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	1116808	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	768121	20.00	ng		-0.03
86) Perylene-d12	15.46	264	708819	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1489343	72.66	ng		-0.02
7) Phenol-d6	6.52	99	2098321	81.51	ng		-0.01
23) Nitrobenzene-d5	7.45	82	2017135	84.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	464119	71.63	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	3016027	82.48	ng		-0.02
78) Terphenyl-d14	12.98	244	2742794	79.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	388384	40.00	ng	#	75
3) Pyridine	3.17	79	1149915	42.47	ng	#	74
4) n-Nitrosodimethylamine	3.14	42	567460	40.83	ng	#	78
6) Aniline	6.53	93	1372522	36.44	ng	#	46
8) 2-Chlorophenol	6.66	128	948052	40.76	ng		93
9) Benzaldehyde	6.42	77	658529	39.28	ng		98
10) Phenol	6.53	94	1251267	42.75	ng		78
11) bis(2-Chloroethyl)ether	6.61	93	968064	42.69	ng		85
12) 1,3-Dichlorobenzene	6.81	146	922958m	38.47	ng		
13) 1,4-Dichlorobenzene	6.89	146	972568	40.43	ng		97
14) 1,2-Dichlorobenzene	7.05	146	882997	38.32	ng		95
15) Benzyl Alcohol	7.02	79	861290	39.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1524865	36.93	ng		86
17) 2-Methylphenol	7.14	107	781962	40.12	ng		95
18) Hexachloroethane	7.38	117	383058	39.82	ng	#	87
19) n-Nitroso-di-n-propylamine	7.30	70	694317	39.84	ng	#	75
20) 3+4-Methylphenols	7.30	107	918115	40.07	ng	#	85
22) Acetophenone	7.29	105	1239837	38.63	ng	#	91
24) Nitrobenzene	7.46	77	910917	37.45	ng		94
25) Isophorone	7.70	82	1790877	39.04	ng		98
26) 2-Nitrophenol	7.78	139	540016	48.78	ng		96
27) 2,4-Dimethylphenol	7.82	122	942519	42.06	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	1203164	42.94	ng		98
29) 2,4-Dichlorophenol	8.02	162	704077	37.72	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	772212	40.07	ng		96
31) Naphthalene	8.18	128	2279356	37.64	ng		98
32) Benzoic acid	7.95	122	488567	35.73	ng		94
33) 4-Chloroaniline	8.24	127	1236856	44.55	ng		96
34) Hexachlorobutadiene	8.30	225	455075	41.08	ng		97
35) Caprolactam	8.61	113	264162	41.98	ng	#	43
36) 4-Chloro-3-methylphenol	8.72	107	810022	38.74	ng		91
37) 2-Methylnaphthalene	8.88	142	1711816	39.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	719111	38.97	ng		98
40) Hexachlorocyclopentadiene	9.02	237	370064	33.23	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084325.D
Acq On : 8 Jan 2016 8:36
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

Quant Time: Jan 08 09:25:50 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	488693	35.40	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	542167	40.97	ng		93
45) 1,1'-Biphenyl	9.33	154	1812433	35.53	ng		99
46) 2-Chloronaphthalene	9.36	162	1413764	35.29	ng		98
47) 2-Nitroaniline	9.46	65	555577	42.01	ng		95
48) Acenaphthylene	9.78	152	2344974	39.62	ng		96
49) Dimethylphthalate	9.64	163	1628920	35.50	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	356786	35.45	ng	#	43
51) Acenaphthene	9.95	154	1611735	40.59	ng		97
52) 3-Nitroaniline	9.87	138	433225	34.74	ng		98
53) 2,4-Dinitrophenol	9.97	184	146337	36.18	ng		91
54) Dibenzofuran	10.12	168	2090384	40.34	ng		95
55) 4-Nitrophenol	10.04	139	365375	40.37	ng	#	83
56) 2,4-Dinitrotoluene	10.10	165	529858	41.60	ng	#	81
57) Fluorene	10.46	166	1637549	40.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	399092	35.32	ng		93
59) Diethylphthalate	10.34	149	1629348	36.02	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	682279	39.74	ng		95
61) 4-Nitroaniline	10.49	138	432574	38.92	ng		94
62) Azobenzene	10.61	77	1851418	37.31	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	215704	31.96	ng	#	79
65) n-Nitrosodiphenylamine	10.58	169	1499562	42.00	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	486911	40.51	ng	#	87
67) Hexachlorobenzene	11.00	284	513490	37.95	ng	#	73
68) Atrazine	11.10	200	436582	37.36	ng		98
69) Pentachlorophenol	11.21	266	253125	36.08	ng		97
70) Phenanthrene	11.43	178	2420097	41.43	ng		95
71) Anthracene	11.47	178	2086489	36.44	ng		97
72) Carbazole	11.63	167	2023110	36.14	ng		97
73) Di-n-butylphthalate	11.96	149	2422081	39.39	ng	#	95
74) Fluoranthene	12.61	202	2470210	40.48	ng		93
76) Benzidine	12.73	184	1065873	38.70	ng		99
77) Pyrene	12.84	202	2451564	40.67	ng		99
79) Butylbenzylphthalate	13.46	149	1125645	43.16	ng		92
80) Benzo(a)anthracene	14.02	228	1752391	38.85	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	737048	46.82	ng		96
82) Chrysene	14.07	228	1821690	42.03	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1432003	43.46	ng	#	96
84) Di-n-octyl phthalate	14.63	149	2422824	43.55	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.88	276	1760060	51.23	ng		100
87) Benzo(b)fluoranthene	15.05	252	1916619m	41.34	ng		
88) Benzo(k)fluoranthene	15.08	252	1227415m	32.37	ng		
89) Benzo(a)pyrene	15.40	252	1539693	39.15	ng	#	95
90) Dibenzo(a,h)anthracene	16.89	278	1432207	42.32	ng		99
91) Benzo(g,h,i)perylene	17.30	276	1493158	42.61	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084325.D
Acq On : 8 Jan 2016 8:36
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 08 09:25:50 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
UMANGI
1/8/2016 12:17:58 PM