Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082787.D
Acq On : 7 Nov 2015 3:45
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:23 PM

Quant Time: Nov 07 23:38:07 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	6.85	152	265036	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	987924	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	533748	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	958943	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	739160	20.00	ng		-0.01
86) Perylene-d12	15.44	264	733233	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1333660	78.29	ng		0.00
7) Phenol-d6	6.49	99	1801805	79.57	ng		0.01
23) Nitrobenzene-d5	7.41	82	1636242	72.07	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	454661	74.29	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2510927	67.42	ng		0.00
78) Terphenyl-d14	12.96	244	2402621	77.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	314961	42.85	ng		96
3) Pyridine	3.15	79	1015402	47.61	ng		92
4) n-Nitrosodimethylamine	3.09	42	391627	37.02	ng	#	71
6) Aniline	6.51	93	1223941	38.49	ng		99
8) 2-Chlorophenol	6.64	128	750588	39.75	ng		95
9) Benzaldehyde	6.40	77	516050m	41.25	ng		
10) Phenol	6.50	94	1080876	42.07	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	800261	41.65	ng	#	83
12) 1,3-Dichlorobenzene	6.80	146	805328	37.81	ng	#	80
13) 1,4-Dichlorobenzene	6.86	146	772261	34.85	ng		97
14) 1,2-Dichlorobenzene	7.02	146	804667	39.93	ng		100
15) Benzyl Alcohol	6.99	79	658627	33.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1200403	42.59	ng		96
17) 2-Methylphenol	7.10	107	618841	38.69	ng		97
18) Hexachloroethane	7.37	117	298960	37.72	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	653967	39.29	ng	#	81
20) 3+4-Methylphenols	7.26	107	730865	35.15	ng		89
22) Acetophenone	7.26	105	1044842	36.91	ng	#	92
24) Nitrobenzene	7.44	77	951188	40.97	ng		96
25) Isophorone	7.68	82	1581861	37.65	ng		97
26) 2-Nitrophenol	7.76	139	412219	42.53	ng	#	54
27) 2,4-Dimethylphenol	7.79	122	650465	37.35	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	1034049	43.64	ng		98
29) 2,4-Dichlorophenol	8.00	162	641782	40.78	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	654752	36.99	ng		98
31) Naphthalene	8.16	128	1904481	34.94	ng		99
32) Benzoic acid	7.93	122	506426	42.48	ng		87
33) 4-Chloroaniline	8.20	127	890386	37.90	ng		95
34) Hexachlorobutadiene	8.28	225	389992	35.21	ng		99
35) Caprolactam	8.58	113	201079	40.53	ng	#	90
36) 4-Chloro-3-methylphenol	8.69	107	731965	39.55	ng	#	84
37) 2-Methylnaphthalene	8.85	142	1387950	39.36	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	656112	37.41	ng		97
40) Hexachlorocyclopentadiene	9.01	237	352539	37.41	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082787.D
Acq On : 7 Nov 2015 3:45
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:23 PM

Quant Time: Nov 07 23:38:07 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	9.13	196	475016	36.28	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	454769	35.12	ng		98
45) 1,1'-Biphenyl	9.32	154	1703271	37.19	ng		98
46) 2-Chloronaphthalene	9.34	162	1333311	37.32	ng		95
47) 2-Nitroaniline	9.42	65	475435	35.87	ng		90
48) Acenaphthylene	9.76	152	2159328	38.57	ng		100
49) Dimethylphthalate	9.62	163	1436235	32.84	ng		99
50) 2,6-Dinitrotoluene	9.68	165	360549	38.64	ng		88
51) Acenaphthene	9.93	154	1309362	36.90	ng		100
52) 3-Nitroaniline	9.85	138	434598	42.35	ng	#	54
53) 2,4-Dinitrophenol	9.94	184	178682	34.88	ng	#	43
54) Dibenzofuran	10.10	168	1832762	38.31	ng		91
55) 4-Nitrophenol	10.00	139	268006	34.04	ng	#	80
56) 2,4-Dinitrotoluene	10.08	165	448757	35.45	ng		92
57) Fluorene	10.44	166	1430919	36.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	384200	36.35	ng	#	89
59) Diethylphthalate	10.32	149	1476170	34.57	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	608885	31.41	ng	#	87
61) 4-Nitroaniline	10.45	138	364217	35.29	ng	#	75
62) Azobenzene	10.59	77	1629290	35.52	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	291311	42.64	ng		98
65) n-Nitrosodiphenylamine	10.56	169	1337904	38.62	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	431724	37.39	ng	#	84
67) Hexachlorobenzene	10.99	284	468549	36.34	ng	#	73
68) Atrazine	11.08	200	434391	40.55	ng		97
69) Pentachlorophenol	11.18	266	300113	38.33	ng		97
70) Phenanthrene	11.40	178	2158751	38.76	ng		100
71) Anthracene	11.45	178	1914448	32.64	ng		99
72) Carbazole	11.60	167	1833256	35.70	ng		99
73) Di-n-butylphthalate	11.94	149	2174232	33.98	ng		99
74) Fluoranthene	12.58	202	2014378	33.71	ng		96
76) Benzidine	12.70	184	1289332	52.05	ng		99
77) Pyrene	12.81	202	2018847	39.77	ng		99
79) Butylbenzylphthalate	13.44	149	1034263	46.12	ng		94
80) Benzo(a)anthracene	14.00	228	1877109	40.61	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	694356	42.26	ng		98
82) Chrysene	14.03	228	1803032	42.59	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1279555	41.69	ng	#	95
84) Di-n-octyl phthalate	14.61	149	2236061	43.67	ng		99
85) Indeno(1,2,3-cd)pyrene	16.82	276	1624720	44.56	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	1651553m	35.09	ng		
88) Benzo(k)fluoranthene	15.06	252	1713046m	41.03	ng		
89) Benzo(a)pyrene	15.38	252	1588021m	38.94	ng		
90) Dibenzo(a,h)anthracene	16.84	278	1334411	38.65	ng	#	97
91) Benzo(g,h,i)perylene	17.24	276	1290721	39.03	ng	#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082787.D
Acq On : 7 Nov 2015 3:45
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 23:38:07 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
11/9/2015 2:08:23 PM