Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078559.D
Acq On : 16 Apr 2015 2:38
Operator : TP/IZ
Sample : G1854-04MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MSD

Manual Integrations APPROVED
apatel
4/16/2015 3:31:22 PM

Quant Time: Apr 16 10:49:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 01:25:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	32948	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	132204	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	64941	20.00	ng		0.01
63) Phenanthrene-d10	12.27	188	121115	20.00	ng		0.00
75) Chrysene-d12	15.53	240	131940	20.00	ng		0.00
86) Perylene-d12	17.21	264	129788	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	46976	23.51	ng		0.01
7) Phenol-d6	6.32	99	62486	24.95	ng		0.01
23) Nitrobenzene-d5	7.42	82	39361	18.05	ng		0.00
41) 2,4,6-Tribromophenol	11.43	330	13560	25.18	ng		0.00
44) 2-Fluorobiphenyl	9.64	172	72116	15.87	ng		0.00
78) Terphenyl-d14	14.27	244	82430	14.12	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.50	88	4899	5.42	ng	#	23
3) Pyridine	2.08	79	16742	7.07	ng		94
4) n-Nitrosodimethylamine	2.00	42	7308m	8.02	ng		
6) Aniline	6.31	93	13473	3.79	ng	#	88
8) 2-Chlorophenol	6.44	128	18683	7.91	ng		97
9) Benzaldehyde	6.15	77	5032	3.03	ng	#	83
10) Phenol	6.34	94	23524	7.84	ng		93
11) bis(2-Chloroethyl)ether	6.41	93	18254	8.46	ng		91
12) 1,3-Dichlorobenzene	6.63	146	19574	7.54	ng		96
13) 1,4-Dichlorobenzene	6.73	146	20080	7.69	ng		98
14) 1,2-Dichlorobenzene	6.91	146	18835	7.69	ng	#	90
15) Benzyl Alcohol	6.92	79	17181	9.76	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	22728	7.90	ng	#	3
17) 2-Methylphenol	7.10	107	14504	7.91	ng	#	92
18) Hexachloroethane	7.34	117	7701	8.74	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	16863	10.21	ng	#	93
20) 3+4-Methylphenols	7.29	107	19943	8.15	ng		97
22) Acetophenone	7.23	105	33253	10.80	ng	#	89
24) Nitrobenzene	7.44	77	17546	7.70	ng	#	84
25) Isophorone	7.75	82	35059	8.47	ng	#	91
26) 2-Nitrophenol	7.84	139	7677	7.07	ng	#	1
27) 2,4-Dimethylphenol	7.93	122	16853	8.34	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	25073	9.45	ng	#	78
29) 2,4-Dichlorophenol	8.16	162	17144	9.33	ng		94
30) 1,2,4-Trichlorobenzene	8.24	180	16118	7.65	ng		96
31) Naphthalene	8.32	128	80986	11.77	ng		99
33) 4-Chloroaniline	8.42	127	13977	4.89	ng	#	87
34) Hexachlorobutadiene	8.48	225	8724	7.54	ng		97
36) 4-Chloro-3-methylphenol	9.05	107	17905	9.65	ng	#	89
37) 2-Methylnaphthalene	9.18	142	74653	15.98	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.39	216	14968	7.44	ng	#	86
42) 2,4,6-Trichlorophenol	9.54	196	11243	8.86	ng		96
43) 2,4,5-Trichlorophenol	9.60	196	11641	8.78	ng	#	44
45) 1,1'-Biphenyl	9.76	154	47900	9.02	ng		97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078559.D
Acq On : 16 Apr 2015 2:38
Operator : TP/IZ
Sample : G1854-04MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB11A(6-12)MSD

Manual Integrations APPROVED
apatel
4/16/2015 3:31:22 PM

Quant Time: Apr 16 10:49:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 01:25:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.78	162	33354	7.98	ng		96
47) 2-Nitroaniline	9.92	65	10631	10.28	ng	#	68
48) Acenaphthylene	10.28	152	67128	9.95	ng	#	85
49) Dimethylphthalate	10.17	163	40675	8.34	ng	#	96
50) 2,6-Dinitrotoluene	10.24	165	9253	9.22	ng		93
51) Acenaphthene	10.49	154	49603	13.05	ng		96
52) 3-Nitroaniline	10.43	138	13717	12.02	ng	#	90
54) Dibenzofuran	10.71	168	62991	10.85	ng		89
56) 2,4-Dinitrotoluene	10.73	165	15371	11.82	ng	#	85
57) Fluorene	11.13	166	76514	16.26	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	10.88	232	8877	9.03	ng	#	43
59) Diethylphthalate	11.04	149	38280	8.14	ng		95
60) 4-Chlorophenyl-phenylether	11.15	204	21565	9.96	ng	#	68
61) 4-Nitroaniline	11.18	138	11390	9.87	ng		82
62) Azobenzene	11.35	77	43675	10.17	ng	#	54
65) n-Nitrosodiphenylamine	11.30	169	105713	25.23	ng	#	78
66) 4-Bromophenyl-phenylether	11.75	248	10163	7.92	ng	#	77
67) Hexachlorobenzene	11.81	284	10584	7.53	ng	#	78
68) Atrazine	11.99	200	14297	11.78	ng		88
69) Pentachlorophenol	12.07	266	8922	20.69	ng		98
70) Phenanthrene	12.31	178	236872	33.81	ng		99
71) Anthracene	12.37	178	100789m	14.60	ng		
72) Carbazole	12.58	167	69899	10.80	ng	#	82
73) Di-n-butylphthalate	13.06	149	63324	8.64	ng	#	93
74) Fluoranthene	13.77	202	293306	39.70	ng		94
77) Pyrene	14.05	202	309195	37.33	ng		97
79) Butylbenzylphthalate	14.90	149	29276	9.27	ng	#	86
80) Benzo(a)anthracene	15.52	228	199007	25.35	ng		97
81) 3,3'-Dichlorobenzidine	15.52	252	12749	4.85	ng	#	91
82) Chrysene	15.57	228	172321	23.36	ng		98
83) Bis(2-ethylhexyl)phthalate	15.62	149	43661	8.82	ng	#	98
84) Di-n-octyl phthalate	16.40	149	73115	8.99	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.40	276	149686m	17.89	ng		
87) Benzo(b)fluoranthene	16.79	252	228421	28.48	ng	#	91
88) Benzo(k)fluoranthene	16.81	252	113895m	15.98	ng		
89) Benzo(a)pyrene	17.14	252	172047	24.58	ng	#	86
90) Dibenzo(a,h)anthracene	18.42	278	74901m	10.69	ng		
91) Benzo(g,h,i)perylene	18.73	276	148561m	21.14	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078559.D
Acq On : 16 Apr 2015 2:38
Operator : TP/IZ
Sample : G1854-04MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 16 10:49:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 16 01:25:24 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MSD

Manual Integrations APPROVED
apatel
4/16/2015 3:31:22 PM