Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088716.D
Acq On : 5 Jul 2016 21:39
Operator : UM/SJ
Sample : H3837-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Manual Integrations APPROVED
sohil
7/6/2016 7:19:28 PM

Quant Time: Jul 06 02:10:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104954	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	410314	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	195893	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	384425	20.00	ng		0.00
75) Chrysene-d12	13.91	240	257256	20.00	ng		-0.01
86) Perylene-d12	15.29	264	195141	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	765518	109.31	ng		0.01
7) Phenol-d6	6.41	99	977725	108.05	ng		0.00
23) Nitrobenzene-d5	7.34	82	613624	78.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	218653	120.20	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1154416	93.09	ng		0.00
78) Terphenyl-d14	12.87	244	868681	75.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	80511	23.19	ng	#	31
3) Pyridine	3.07	79	53198	5.28	ng		95
4) n-Nitrosodimethylamine	3.00	42	64444	16.74	ng		91
6) Aniline	6.43	93	125330	9.50	ng	#	75
8) 2-Chlorophenol	6.56	128	168799	22.43	ng		95
9) Benzaldehyde	6.32	77	112954	18.43	ng		98
10) Phenol	6.42	94	143094	13.86	ng	#	40
11) bis(2-Chloroethyl)ether	6.51	93	155388	20.18	ng		91
12) 1,3-Dichlorobenzene	6.72	146	157253m	18.99	ng		
13) 1,4-Dichlorobenzene	6.79	146	158270	19.25	ng		94
14) 1,2-Dichlorobenzene	6.95	146	165008m	21.44	ng		
15) Benzyl Alcohol	6.91	79	142187	21.35	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	199433	17.88	ng		90
17) 2-Methylphenol	7.04	107	139051	22.65	ng		98
18) Hexachloroethane	7.29	117	65459	20.59	ng		94
19) n-Nitroso-di-n-propylamine	7.19	70	119628	19.68	ng		94
20) 3+4-Methylphenols	7.19	107	166226	22.56	ng	#	81
22) Acetophenone	7.19	105	232616	23.36	ng	#	89
24) Nitrobenzene	7.36	77	197036	24.96	ng		90
25) Isophorone	7.60	82	339307	23.39	ng		97
26) 2-Nitrophenol	7.68	139	85013	26.26	ng	#	78
27) 2,4-Dimethylphenol	7.71	122	125608	18.63	ng	#	86
28) bis(2-Chloroethoxy)methane	7.82	93	224196	23.75	ng	#	96
29) 2,4-Dichlorophenol	7.92	162	138962	25.50	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	131976	22.07	ng		98
31) Naphthalene	8.08	128	460094	22.75	ng		99
33) 4-Chloroaniline	8.12	127	109615	12.18	ng		94
34) Hexachlorobutadiene	8.20	225	75882	23.70	ng		98
35) Caprolactam	8.48	113	37275m	20.14	ng		
36) 4-Chloro-3-methylphenol	8.62	107	155587	24.15	ng		96
37) 2-Methylnaphthalene	8.78	142	306930	23.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	125440	19.25	ng	#	1
40) Hexachlorocyclopentadiene	8.92	237	162497	50.81	ng		99
42) 2,4,6-Trichlorophenol	9.05	196	106747	24.85	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088716.D
Acq On : 5 Jul 2016 21:39
Operator : UM/SJ
Sample : H3837-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Manual Integrations APPROVED
sohil
7/6/2016 7:19:28 PM

Quant Time: Jul 06 02:10:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	87392	23.64	ng	#	88
45) 1,1'-Biphenyl	9.23	154	377216	23.25	ng		99
46) 2-Chloronaphthalene	9.26	162	292875	23.00	ng		99
47) 2-Nitroaniline	9.35	65	91010	20.14	ng		96
48) Acenaphthylene	9.67	152	459026	22.65	ng		99
49) Dimethylphthalate	9.54	163	647160	46.37	ng		99
50) 2,6-Dinitrotoluene	9.60	165	80779	26.12	ng		96
51) Acenaphthene	9.84	154	280813	22.61	ng		98
52) 3-Nitroaniline	9.76	138	73858	18.78	ng		100
53) 2,4-Dinitrophenol	9.86	184	20108	14.72	ng		94
54) Dibenzofuran	10.01	168	399527	24.58	ng	#	88
55) 4-Nitrophenol	9.93	139	190243	63.67	ng	#	84
56) 2,4-Dinitrotoluene	10.00	165	107016	26.46	ng		95
57) Fluorene	10.35	166	320899	25.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	68302	23.89	ng	#	53
59) Diethylphthalate	10.24	149	383406	27.37	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	147265	25.30	ng		91
61) 4-Nitroaniline	10.36	138	69089	18.26	ng		83
62) Azobenzene	10.51	77	401122	25.11	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	21573	10.49	ng		94
65) n-Nitrosodiphenylamine	10.47	169	286153	21.99	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	82556	21.31	ng	#	75
67) Hexachlorobenzene	10.90	284	99489	23.20	ng	#	84
68) Atrazine	10.99	200	80712	19.91	ng		92
69) Pentachlorophenol	11.10	266	94603	37.28	ng		98
70) Phenanthrene	11.31	178	487469	23.20	ng		98
71) Anthracene	11.36	178	461745	22.10	ng		99
72) Carbazole	11.52	167	426531	21.69	ng		97
73) Di-n-butylphthalate	11.85	149	510697	22.32	ng		99
74) Fluoranthene	12.49	202	489639	22.98	ng		98
76) Benzidine	12.62	184	76160	5.86	ng		98
77) Pyrene	12.72	202	485581	22.26	ng		98
79) Butylbenzylphthalate	13.35	149	215505	22.15	ng		98
80) Benzo(a)anthracene	13.90	228	368851	22.27	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	84471	13.56	ng	#	94
82) Chrysene	13.93	228	329757	20.12	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	304487	27.41	ng	#	99
84) Di-n-octyl phthalate	14.51	149	417127	22.10	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	274672	21.78	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	264826m	21.63	ng		
88) Benzo(k)fluoranthene	14.94	252	280147m	26.29	ng		
89) Benzo(a)pyrene	15.23	252	244662	23.61	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	228297	26.38	ng		97
91) Benzo(g,h,i)perylene	17.02	276	233987	26.13	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088716.D
Acq On : 5 Jul 2016 21:39
Operator : UM/SJ
Sample : H3837-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 06 02:10:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Manual Integrations APPROVED
sohil
7/6/2016 7:19:28 PM