Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088742.D
Acq On : 6 Jul 2016 19:03
Operator : UM/SJ
Sample : H3808-25MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Manual Integrations
APPROVED
umangi
7/7/2016 6:07:58 PM

Quant Time: Jul 07 01:23:16 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	6.75	152	81819	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	334983	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	159206	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	308026	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	253657	20.00	ng		-0.03
86) Perylene-d12	15.26	264	202116	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	631481	115.67	ng		-0.02
7) Phenol-d6	6.40	99	861858	122.18	ng		-0.01
23) Nitrobenzene-d5	7.31	82	516656	80.83	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	197246	133.42	ng		-0.03
44) 2-Fluorobiphenyl	9.12	172	1009360	100.14	ng		-0.02
78) Terphenyl-d14	12.85	244	874737	76.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	80163	29.62	ng	#	33
3) Pyridine	3.03	79	124496	15.85	ng		94
4) n-Nitrosodimethylamine	2.96	42	63894	21.29	ng		88
6) Aniline	6.41	93	104233	10.14	ng	#	1
8) 2-Chlorophenol	6.54	128	165529	28.21	ng		93
9) Benzaldehyde	6.28	77	102310	21.41	ng	#	81
10) Phenol	6.41	94	236870	29.42	ng		85
11) bis(2-Chloroethyl)ether	6.49	93	191075	31.83	ng		85
12) 1,3-Dichlorobenzene	6.68	146	147949	22.91	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	156460	24.41	ng		95
14) 1,2-Dichlorobenzene	6.92	146	154173	25.70	ng		96
15) Benzyl Alcohol	6.90	79	154662	29.79	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	184442	21.21	ng		89
17) 2-Methylphenol	7.02	107	133647	27.92	ng		98
18) Hexachloroethane	7.27	117	64119	25.87	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	122546	25.86	ng	#	83
20) 3+4-Methylphenols	7.16	107	164291	28.60	ng	#	60
22) Acetophenone	7.16	105	231066	28.42	ng	#	91
24) Nitrobenzene	7.34	77	192966	29.94	ng		91
25) Isophorone	7.58	82	303557	25.64	ng		95
26) 2-Nitrophenol	7.66	139	86225	32.63	ng	#	82
27) 2,4-Dimethylphenol	7.70	122	131961	23.97	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	212370	27.56	ng	#	96
29) 2,4-Dichlorophenol	7.90	162	135386	30.43	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	132054	27.05	ng		99
31) Naphthalene	8.06	128	462325	28.00	ng		99
32) Benzoic acid	7.83	122	10674	2.67	ng		98
33) 4-Chloroaniline	8.10	127	54905m	7.47	ng		
34) Hexachlorobutadiene	8.18	225	75885	29.03	ng		97
35) Caprolactam	8.57	113	36485	24.15	ng		93
36) 4-Chloro-3-methylphenol	8.59	107	164480	31.27	ng		95
37) 2-Methylnaphthalene	8.75	142	294472	27.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	119794	22.62	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	175595	67.56	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088742.D
Acq On : 6 Jul 2016 19:03
Operator : UM/SJ
Sample : H3808-25MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMPMSD

Manual Integrations APPROVED
umangi
7/7/2016 6:07:58 PM

Quant Time: Jul 07 01:23:16 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)
42) 2,4,6-Trichlorophenol	9.03	196	100665	28.83	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	87974	29.29	ng	#	84
45) 1,1'-Biphenyl	9.21	154	365490	27.72	ng		99
46) 2-Chloronaphthalene	9.23	162	284830	27.52	ng		99
47) 2-Nitroaniline	9.32	65	86828	23.64	ng		94
48) Acenaphthylene	9.64	152	447038	27.15	ng		99
49) Dimethylphthalate	9.52	163	497729	43.88	ng		99
50) 2,6-Dinitrotoluene	9.58	165	81756	32.52	ng		92
51) Acenaphthene	9.82	154	262174	25.97	ng		98
52) 3-Nitroaniline	9.74	138	61246	19.17	ng		95
53) 2,4-Dinitrophenol	9.84	184	6848	6.17	ng		88
54) Dibenzofuran	9.99	168	396628	30.02	ng	#	88
55) 4-Nitrophenol	9.91	139	153811	63.34	ng		93
56) 2,4-Dinitrotoluene	9.98	165	108938	33.14	ng		91
57) Fluorene	10.33	166	323363	31.76	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	64720	27.85	ng	#	52
59) Diethylphthalate	10.22	149	350791	30.82	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	138224	29.22	ng	#	87
61) 4-Nitroaniline	10.34	138	72944	23.72	ng		78
62) Azobenzene	10.48	77	384373	29.60	ng		90
64) 4,6-Dinitro-2-methylphenol	10.38	198	15012	9.11	ng		92
65) n-Nitrosodiphenylamine	10.44	169	281544	27.01	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	83165	26.79	ng	#	77
67) Hexachlorobenzene	10.88	284	99771	29.04	ng	#	79
68) Atrazine	10.99	200	93803	28.88	ng		92
69) Pentachlorophenol	11.07	266	83144	40.89	ng		98
70) Phenanthrene	11.29	178	452856	26.89	ng		98
71) Anthracene	11.34	178	491484	29.36	ng		99
72) Carbazole	11.50	167	443212	28.13	ng		98
73) Di-n-butylphthalate	11.84	149	514619	28.08	ng		99
74) Fluoranthene	12.47	202	510260	29.89	ng		97
76) Benzidine	12.58	184	60649	4.73	ng	#	48
77) Pyrene	12.69	202	486129	22.60	ng		100
79) Butylbenzylphthalate	13.31	149	327724	34.16	ng	#	69
80) Benzo(a)anthracene	13.87	228	429757	26.31	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	83472	13.59	ng	#	98
82) Chrysene	13.91	228	353401	21.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	603096	55.06	ng	#	99
84) Di-n-octyl phthalate	14.49	149	673049	36.17	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	279848	22.51	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	343485m	27.09	ng		
88) Benzo(k)fluoranthene	14.90	252	315122m	28.55	ng		
89) Benzo(a)pyrene	15.21	252	307968	28.69	ng	#	94
90) Dibenzo(a,h)anthracene	16.58	278	231683	25.85	ng		99
91) Benzo(g,h,i)perylene	16.96	276	230867	24.89	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088742.D
Acq On : 6 Jul 2016 19:03
Operator : UM/SJ
Sample : H3808-25MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 07 01:23:16 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 :
SB-13-COMPMSD

Manual Integrations
APPROVED
umangi
7/7/2016 6:07:58 PM