Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082764.D
Acq On : 6 Nov 2015 16:34
Operator : UM/IZ
Sample : PB86450BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86450BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:21 PM

Quant Time: Nov 07 03:09:37 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	164615	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	615221	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	331092	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	625026	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	553188	20.00	ng		0.00
86) Perylene-d12	15.45	264	532632	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	788037	74.48	ng		0.01
7) Phenol-d6	6.48	99	1014249	72.11	ng		0.00
23) Nitrobenzene-d5	7.41	82	993103	70.24	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	293427	77.29	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1706106	73.85	ng		0.00
78) Terphenyl-d14	12.96	244	1676124	71.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	140003	30.67	ng		97
3) Pyridine	3.24	79	435367	32.87	ng		99
4) n-Nitrosodimethylamine	3.18	42	208719	31.77	ng		94
6) Aniline	6.51	93	362123	18.34	ng		95
8) 2-Chlorophenol	6.64	128	414300	35.32	ng		96
9) Benzaldehyde	6.38	77	43114	5.55	ng		93
10) Phenol	6.50	94	534720	33.51	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	378685	31.73	ng		97
12) 1,3-Dichlorobenzene	6.78	146	418211	31.62	ng		97
13) 1,4-Dichlorobenzene	6.86	146	429211	31.19	ng		97
14) 1,2-Dichlorobenzene	7.02	146	428357	34.23	ng		98
15) Benzyl Alcohol	6.99	79	400910	32.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	608500	34.76	ng		94
17) 2-Methylphenol	7.10	107	322495	32.46	ng		98
18) Hexachloroethane	7.37	117	167293	33.99	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	304806	29.48	ng		91
20) 3+4-Methylphenols	7.26	107	455694	35.28	ng		94
22) Acetophenone	7.26	105	594665	33.73	ng	#	93
24) Nitrobenzene	7.44	77	483461	33.44	ng		94
25) Isophorone	7.68	82	858407	32.81	ng		98
26) 2-Nitrophenol	7.74	139	196617	32.58	ng	#	87
27) 2,4-Dimethylphenol	7.79	122	355979	32.83	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	499392	33.84	ng		99
29) 2,4-Dichlorophenol	8.00	162	360696	36.80	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	361200	32.77	ng		98
31) Naphthalene	8.16	128	1066574	31.42	ng		99
32) Benzoic acid	7.92	122	232466	31.31	ng		91
33) 4-Chloroaniline	8.20	127	204939	14.01	ng	#	90
34) Hexachlorobutadiene	8.28	225	225900	32.75	ng		99
35) Caprolactam	8.57	113	111108m	35.96	ng		
36) 4-Chloro-3-methylphenol	8.69	107	411535	35.71	ng		89
37) 2-Methylnaphthalene	8.85	142	786149	35.80	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	367349	33.76	ng		98
40) Hexachlorocyclopentadiene	9.01	237	493784	84.47	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082764.D
Acq On : 6 Nov 2015 16:34
Operator : UM/IZ
Sample : PB86450BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:21 PM

Quant Time: Nov 07 03:09:37 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	265542	32.70	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	261597	32.57	ng	#	84
45) 1,1'-Biphenyl	9.31	154	887214	31.23	ng		95
46) 2-Chloronaphthalene	9.33	162	727415	32.82	ng		94
47) 2-Nitroaniline	9.42	65	250529	30.47	ng		94
48) Acenaphthylene	9.76	152	1213076	34.93	ng		98
49) Dimethylphthalate	9.62	163	925561	34.12	ng		99
50) 2,6-Dinitrotoluene	9.68	165	213711	36.92	ng	#	79
51) Acenaphthene	9.93	154	899732	40.87	ng		99
52) 3-Nitroaniline	9.84	138	110483	17.36	ng		86
53) 2,4-Dinitrophenol	9.95	184	256128	80.60	ng	#	11
54) Dibenzofuran	10.10	168	1090294	36.74	ng		93
55) 4-Nitrophenol	10.01	139	366900	75.13	ng		93
56) 2,4-Dinitrotoluene	10.08	165	259556	33.05	ng		98
57) Fluorene	10.44	166	892810	37.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	230074	35.10	ng		92
59) Diethylphthalate	10.32	149	865473	32.68	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	377826	31.42	ng	#	83
61) 4-Nitroaniline	10.45	138	203750	31.83	ng		87
62) Azobenzene	10.59	77	988661	34.75	ng		90
64) 4,6-Dinitro-2-methylphenol	10.49	198	160455	36.03	ng		92
65) n-Nitrosodiphenylamine	10.56	169	747686	33.11	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	251273	33.39	ng	#	80
67) Hexachlorobenzene	10.99	284	287087	34.16	ng	#	75
68) Atrazine	11.08	200	282598	40.47	ng		97
69) Pentachlorophenol	11.18	266	373070	73.11	ng		99
70) Phenanthrene	11.40	178	1373915	37.85	ng		98
71) Anthracene	11.45	178	1193554	31.22	ng		99
72) Carbazole	11.60	167	1164743	34.80	ng		99
73) Di-n-butylphthalate	11.94	149	1331360	31.93	ng		99
74) Fluoranthene	12.58	202	1253526	32.18	ng		97
76) Benzidine	12.71	184	448571	24.20	ng		98
77) Pyrene	12.81	202	1330536	35.02	ng		98
79) Butylbenzylphthalate	13.44	149	601789	35.86	ng		98
80) Benzo(a)anthracene	14.01	228	1286406	37.19	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	263702	21.44	ng		97
82) Chrysene	14.04	228	1279450	40.38	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	870441	37.89	ng		100
84) Di-n-octyl phthalate	14.63	149	1366300	35.66	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1008425	36.96	ng		100
87) Benzo(b)fluoranthene	15.05	252	1201702m	35.15	ng		
88) Benzo(k)fluoranthene	15.07	252	981450m	32.36	ng		
89) Benzo(a)pyrene	15.39	252	1042222	35.19	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	854147	34.05	ng		98
91) Benzo(g,h,i)perylene	17.27	276	816175	33.97	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082764.D
Acq On : 6 Nov 2015 16:34
Operator : UM/IZ
Sample : PB86450BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 03:09:37 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 :
PB86450BS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:21 PM