Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092309.D
Acq On : 17 Jan 2017 4:41
Operator : UM/SJ
Sample : PB96013BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:12 PM

Quant Time: Jan 17 06:30:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170848	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	651416	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	394764	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	595024	20.00	ng		0.00
75) Chrysene-d12	13.70	240	313119	20.00	ng		-0.01
86) Perylene-d12	15.06	264	403410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	771836	75.43	ng		0.01
7) Phenol-d6	6.23	99	999015	79.97	ng		0.00
23) Nitrobenzene-d5	7.14	82	1031200	88.02	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	238624	73.04	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	1691454	88.29	ng		0.00
78) Terphenyl-d14	12.66	244	1327223	102.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	194041	38.52	ng	#	94
3) Pyridine	2.67	79	526817	29.96	ng		97
4) n-Nitrosodimethylamine	2.62	42	239063	36.05	ng		97
6) Aniline	6.22	93	260578	16.06	ng	#	51
8) 2-Chlorophenol	6.36	128	515219	44.27	ng		87
9) Benzaldehyde	6.12	77	27578	2.73	ng		96
10) Phenol	6.24	94	715359	50.25	ng	#	69
11) bis(2-Chloroethyl)ether	6.30	93	473802	41.83	ng		96
12) 1,3-Dichlorobenzene	6.50	146	516374m	41.56	ng		
13) 1,4-Dichlorobenzene	6.58	146	546462	43.21	ng		100
14) 1,2-Dichlorobenzene	6.74	146	497079	45.30	ng		98
15) Benzyl Alcohol	6.72	79	400991	41.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	740324	43.89	ng		55
17) 2-Methylphenol	6.86	107	414758	44.31	ng	#	87
18) Hexachloroethane	7.07	117	194183	41.42	ng	#	86
19) n-Nitroso-di-n-propylamine	7.00	70	420378	50.58	ng		94
20) 3+4-Methylphenols	7.01	107	577335	51.71	ng	#	70
22) Acetophenone	6.99	105	787654	49.02	ng	#	90
24) Nitrobenzene	7.16	77	590807	47.35	ng		91
25) Isophorone	7.40	82	958883	44.37	ng		95
26) 2-Nitrophenol	7.48	139	279966	45.50	ng	#	86
27) 2,4-Dimethylphenol	7.54	122	461390	45.21	ng		97
28) bis(2-Chloroethoxy)methane	7.62	93	588133	44.87	ng		98
29) 2,4-Dichlorophenol	7.73	162	410716	47.53	ng		93
30) 1,2,4-Trichlorobenzene	7.80	180	422770	44.64	ng		97
31) Naphthalene	7.88	128	1382714	46.38	ng		98
32) Benzoic acid	7.70	122	259978	34.35	ng		96
33) 4-Chloroaniline	7.94	127	98457	7.32	ng		98
34) Hexachlorobutadiene	7.99	225	218561	43.72	ng		98
35) Caprolactam	8.31	113	126668m	44.60	ng		
36) 4-Chloro-3-methylphenol	8.44	107	417620	42.00	ng		95
37) 2-Methylnaphthalene	8.56	142	924440	56.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	443195	44.44	ng		99
40) Hexachlorocyclopentadiene	8.71	237	200743	46.92	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092309.D
Acq On : 17 Jan 2017 4:41
Operator : UM/SJ
Sample : PB96013BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:12 PM

Quant Time: Jan 17 06:30:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	261193	37.45	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	301080	41.94	ng	#	92
45) 1,1'-Biphenyl	9.03	154	1387050	51.32	ng		99
46) 2-Chloronaphthalene	9.06	162	1007289	47.06	ng		97
47) 2-Nitroaniline	9.16	65	334755	43.92	ng		95
48) Acenaphthylene	9.46	152	1417159	43.05	ng		99
49) Dimethylphthalate	9.34	163	1169860	46.33	ng		99
50) 2,6-Dinitrotoluene	9.40	165	244529	44.25	ng	#	59
51) Acenaphthene	9.63	154	894626	40.08	ng		99
52) 3-Nitroaniline	9.57	138	106420	15.56	ng		86
53) 2,4-Dinitrophenol	9.70	184	170626	55.49	ng	#	89
54) Dibenzofuran	9.80	168	1269602	42.12	ng		98
55) 4-Nitrophenol	9.76	139	297351m	64.03	ng		
56) 2,4-Dinitrotoluene	9.81	165	318499	45.92	ng		98
57) Fluorene	10.14	166	893766	40.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	263294	46.38	ng		93
59) Diethylphthalate	10.04	149	1160090	47.31	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	436531	45.46	ng		92
61) 4-Nitroaniline	10.19	138	262321	37.01	ng		79
62) Azobenzene	10.30	77	1324770	49.07	ng		93
64) 4,6-Dinitro-2-methylphenol	10.22	198	151469	42.10	ng		99
65) n-Nitrosodiphenylamine	10.27	169	961201	54.44	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	297410	48.05	ng		91
67) Hexachlorobenzene	10.69	284	288150	43.55	ng	#	89
68) Atrazine	10.80	200	287456	50.47	ng		93
69) Pentachlorophenol	10.90	266	217831	67.10	ng		99
70) Phenanthrene	11.10	178	1499369	46.47	ng		98
71) Anthracene	11.15	178	1387032	50.66	ng		99
72) Carbazole	11.31	167	1226119	47.15	ng		98
73) Di-n-butylphthalate	11.65	149	1620794	53.82	ng		99
74) Fluoranthene	12.28	202	1227792	43.22	ng		97
76) Benzidine	12.42	184	455778	62.33	ng		96
77) Pyrene	12.51	202	1228835	53.49	ng		98
79) Butylbenzylphthalate	13.14	149	569679	54.52	ng		92
80) Benzo(a)anthracene	13.69	228	918177	51.95	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	210425	31.40	ng	#	95
82) Chrysene	13.73	228	903174	50.94	ng		97
83) Bis(2-ethylhexyl)phthalate	13.70	149	708473	57.58	ng	#	100
84) Di-n-octyl phthalate	14.31	149	1188497	52.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.28	276	1201991	78.26	ng		97
87) Benzo(b)fluoranthene	14.69	252	1009133m	40.18	ng		
88) Benzo(k)fluoranthene	14.71	252	914588m	42.70	ng		
89) Benzo(a)pyrene	15.00	252	988620	44.35	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	991973	54.14	ng		99
91) Benzo(g,h,i)perylene	16.65	276	1058555	55.56	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092309.D
Acq On : 17 Jan 2017 4:41
Operator : UM/SJ
Sample : PB96013BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 17 06:30:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB96013BSD

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:12 PM