Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090140.D
Acq On : 20 Sep 2016 18:07
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Manual Integrations APPROVED
sohil
9/21/2016 4:16:46 PM

Quant Time: Sep 21 01:57:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	172443m	20.00	ng		0.00
21) Naphthalene-d8	7.82	136	695154m	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	362142	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	581286	20.00	ng		0.00
75) Chrysene-d12	13.63	240	344226	20.00	ng		0.00
86) Perylene-d12	14.96	264	301753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1359381	128.49	ng		0.02
7) Phenol-d6	6.19	99	1796420	137.50	ng		0.02
23) Nitrobenzene-d5	7.10	82	1000469	83.43	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	375555	120.88	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1707800	92.58	ng		0.00
78) Terphenyl-d14	12.59	244	2877565	212.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	198780	34.63	ng	#	96
3) Pyridine	2.59	79	600218	48.22	ng		90
4) n-Nitrosodimethylamine	2.56	42	189572	51.03	ng		96
6) Aniline	6.19	93	203523m	12.50	ng		
8) 2-Chlorophenol	6.31	128	506965	41.65	ng		93
9) Benzaldehyde	6.06	77	54183	9.52	ng		96
10) Phenol	6.20	94	729883m	47.26	ng		
11) bis(2-Chloroethyl)ether	6.27	93	525394	43.62	ng		90
12) 1,3-Dichlorobenzene	6.46	146	529662m	41.65	ng		
13) 1,4-Dichlorobenzene	6.54	146	544109m	41.91	ng		
14) 1,2-Dichlorobenzene	6.70	146	491776	42.52	ng		96
15) Benzyl Alcohol	6.68	79	370375	47.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	592275m	41.15	ng		
17) 2-Methylphenol	6.81	107	449637m	46.89	ng		
18) Hexachloroethane	7.03	117	208227m	44.96	ng		
19) n-Nitroso-di-n-propylamine	6.96	70	364541m	47.50	ng		
20) 3+4-Methylphenols	6.97	107	567839	49.33	ng		97
22) Acetophenone	6.95	105	704402	42.02	ng	#	98
24) Nitrobenzene	7.12	77	587580	47.03	ng	#	85
25) Isophorone	7.36	82	1065058	42.51	ng		97
26) 2-Nitrophenol	7.44	139	286589	46.58	ng	#	79
27) 2,4-Dimethylphenol	7.50	122	510261	46.68	ng		99
28) bis(2-Chloroethoxy)methane	7.59	93	711706	46.96	ng		99
29) 2,4-Dichlorophenol	7.68	162	422733	44.09	ng		87
30) 1,2,4-Trichlorobenzene	7.76	180	432541	45.16	ng		98
31) Naphthalene	7.83	128	1525923	46.10	ng		100
32) Benzoic acid	7.63	122	39944	5.32	ng		96
33) 4-Chloroaniline	7.92	127	66422	4.84	ng		96
34) Hexachlorobutadiene	7.96	225	219090	43.36	ng		98
35) Caprolactam	8.32	113	160053m	50.43	ng		
36) 4-Chloro-3-methylphenol	8.40	107	521943	48.16	ng		93
37) 2-Methylnaphthalene	8.52	142	939325	45.63	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	334914	40.29	ng		99
40) Hexachlorocyclopentadiene	8.68	237	393287	95.88	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090140.D
Acq On : 20 Sep 2016 18:07
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93481BS

Manual Integrations APPROVED
sohil
9/21/2016 4:16:46 PM

Quant Time: Sep 21 01:57:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	263597	44.50	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	275929	44.99	ng	#	87
45) 1,1'-Biphenyl	8.99	154	1059325	40.89	ng		97
46) 2-Chloronaphthalene	9.00	162	888865	46.50	ng		97
47) 2-Nitroaniline	9.12	65	291368	50.56	ng		86
48) Acenaphthylene	9.42	152	1267859	40.84	ng		99
49) Dimethylphthalate	9.31	163	1081827	46.90	ng		99
50) 2,6-Dinitrotoluene	9.36	165	225804	43.92	ng		96
51) Acenaphthene	9.59	154	774156	42.02	ng		100
52) 3-Nitroaniline	9.52	138	166212	27.58	ng		85
53) 2,4-Dinitrophenol	9.63	184	96845	35.50	ng		95
54) Dibenzofuran	9.76	168	1091358	45.01	ng		93
55) 4-Nitrophenol	9.71	139	351367	85.09	ng		83
56) 2,4-Dinitrotoluene	9.76	165	242888	39.96	ng		97
57) Fluorene	10.10	166	776861	42.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	215320m	46.89	ng		
59) Diethylphthalate	10.01	149	1171655	52.60	ng		95
60) 4-Chlorophenyl-phenylether	10.10	204	326226	39.15	ng		94
61) 4-Nitroaniline	10.14	138	227725	37.07	ng		87
62) Azobenzene	10.26	77	1232282	53.14	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	96628	26.54	ng		94
65) n-Nitrosodiphenylamine	10.23	169	857858	44.88	ng		100
66) 4-Bromophenyl-phenylether	10.58	248	249057	43.54	ng	#	78
67) Hexachlorobenzene	10.65	284	290197	43.53	ng	#	81
68) Atrazine	10.78	200	213474	40.76	ng		97
69) Pentachlorophenol	10.84	266	240769	63.63	ng		99
70) Phenanthrene	11.05	178	1201893	44.21	ng		99
71) Anthracene	11.11	178	1402130	49.18	ng		99
72) Carbazole	11.27	167	1392471	46.20	ng		99
73) Di-n-butylphthalate	11.62	149	1145137	32.67	ng		98
74) Fluoranthene	12.23	202	1319316	45.21	ng		97
76) Benzidine	12.38	184	23991	2.08	ng	#	1
77) Pyrene	12.45	202	1271327	53.97	ng		99
79) Butylbenzylphthalate	13.09	149	721298	62.60	ng	#	73
80) Benzo(a)anthracene	13.63	228	981385	52.99	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	159173	20.84	ng	#	96
82) Chrysene	13.67	228	915359	50.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	1050954	71.28	ng		99
84) Di-n-octyl phthalate	14.26	149	1775992	69.92	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.14	276	872966	59.85	ng		98
87) Benzo(b)fluoranthene	14.62	252	777928m	46.56	ng		
88) Benzo(k)fluoranthene	14.64	252	619645m	39.51	ng		
89) Benzo(a)pyrene	14.91	252	704962	44.85	ng		98
90) Dibenzo(a,h)anthracene	16.15	278	728786	59.42	ng		97
91) Benzo(g,h,i)perylene	16.48	276	769972	64.14	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090140.D
Acq On : 20 Sep 2016 18:07
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 21 01:57:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Manual Integrations APPROVED
sohil
9/21/2016 4:16:46 PM