Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090583.D
Acq On : 15 Oct 2016 3:32
Operator : UM/SJ
Sample : PB94073BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Manual Integrations APPROVED
sohil
10/17/2016 6:37:21 PM

Quant Time: Oct 15 04:50:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	211371	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	892609	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	413085	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	666350	20.00	ng		0.00
75) Chrysene-d12	14.10	240	426427	20.00	ng		0.00
86) Perylene-d12	15.56	264	369918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1778524	154.25	ng		0.01
7) Phenol-d6	6.57	99	2463945	143.82	ng		0.01
23) Nitrobenzene-d5	7.49	82	1630983	101.50	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	584728	158.77	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2367858	94.45	ng		0.00
78) Terphenyl-d14	13.04	244	2126641	116.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	255982	38.96	ng		96
3) Pyridine	3.38	79	648953	44.06	ng		93
4) n-Nitrosodimethylamine	3.33	42	262815	49.57	ng		95
6) Aniline	6.59	93	534877	25.84	ng		98
8) 2-Chlorophenol	6.70	128	715575	47.86	ng		100
9) Benzaldehyde	6.46	77	166750	15.31	ng		96
10) Phenol	6.58	94	1031744	52.66	ng		94
11) bis(2-Chloroethyl)ether	6.66	93	778998	48.19	ng		98
12) 1,3-Dichlorobenzene	6.86	146	742345	49.79	ng		96
13) 1,4-Dichlorobenzene	6.93	146	761505	46.96	ng		93
14) 1,2-Dichlorobenzene	7.09	146	784888	51.78	ng		100
15) Benzyl Alcohol	7.07	79	656728	56.28	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1173986	51.60	ng		99
17) 2-Methylphenol	7.18	107	629169	54.00	ng		97
18) Hexachloroethane	7.43	117	315258	49.20	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	653821	55.66	ng	#	91
20) 3+4-Methylphenols	7.33	107	732151	51.83	ng		94
22) Acetophenone	7.33	105	1035898	52.53	ng	#	95
24) Nitrobenzene	7.50	77	823943	49.96	ng		99
25) Isophorone	7.74	82	1611986	55.12	ng		98
26) 2-Nitrophenol	7.82	139	402649	53.82	ng		95
27) 2,4-Dimethylphenol	7.87	122	645917	52.03	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	1005939	58.25	ng		99
29) 2,4-Dichlorophenol	8.07	162	553077	50.86	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	630429	49.50	ng		99
31) Naphthalene	8.23	128	2207560	48.55	ng		99
32) Benzoic acid	8.01	122	333172	43.69	ng		94
33) 4-Chloroaniline	8.28	127	164484	9.46	ng		97
34) Hexachlorobutadiene	8.35	225	373606	52.50	ng		99
35) Caprolactam	8.66	113	168854m	55.64	ng		
36) 4-Chloro-3-methylphenol	8.77	107	622202	49.59	ng	#	81
37) 2-Methylnaphthalene	8.92	142	1230118	46.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	641305	58.55	ng		98
40) Hexachlorocyclopentadiene	9.08	237	484057	90.47	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090583.D
Acq On : 15 Oct 2016 3:32
Operator : UM/SJ
Sample : PB94073BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Manual Integrations APPROVED
sohil
10/17/2016 6:37:21 PM

Quant Time: Oct 15 04:50:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	396177	64.13	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	407861	55.34	ng	#	82
45) 1,1'-Biphenyl	9.39	154	1658525	52.76	ng		98
46) 2-Chloronaphthalene	9.41	162	1224731	52.25	ng		98
47) 2-Nitroaniline	9.51	65	386313	45.46	ng	#	81
48) Acenaphthylene	9.83	152	1848937	49.54	ng		99
49) Dimethylphthalate	9.70	163	1443873	53.87	ng	#	98
50) 2,6-Dinitrotoluene	9.75	165	339166	57.83	ng		92
51) Acenaphthene	10.01	154	1267195	51.08	ng		100
52) 3-Nitroaniline	9.93	138	163105	22.16	ng		94
53) 2,4-Dinitrophenol	10.03	184	212253	67.61	ng	#	66
54) Dibenzofuran	10.18	168	1738598	53.28	ng		99
55) 4-Nitrophenol	10.10	139	463563	104.67	ng	#	74
56) 2,4-Dinitrotoluene	10.15	165	405423	50.90	ng		94
57) Fluorene	10.52	166	1383637	51.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	351750	57.30	ng		94
59) Diethylphthalate	10.39	149	1535988	56.51	ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	717566	56.55	ng		97
61) 4-Nitroaniline	10.54	138	304023	41.20	ng		96
62) Azobenzene	10.67	77	1580278	50.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	162711	40.35	ng		95
65) n-Nitrosodiphenylamine	10.63	169	1177911	53.52	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	419208	58.63	ng		98
67) Hexachlorobenzene	11.07	284	438846	56.53	ng	#	62
68) Atrazine	11.16	200	379303	62.31	ng		92
69) Pentachlorophenol	11.26	266	445020	115.66	ng		98
70) Phenanthrene	11.48	178	1810027	50.89	ng		99
71) Anthracene	11.53	178	1929155	50.39	ng		100
72) Carbazole	11.69	167	1683028	49.11	ng		99
73) Di-n-butylphthalate	12.02	149	2255574	56.18	ng		99
74) Fluoranthene	12.67	202	1720513	48.09	ng		99
76) Benzidine	12.80	184	259653	24.47	ng		97
77) Pyrene	12.90	202	1618125	57.29	ng		100
79) Butylbenzylphthalate	13.52	149	834253	66.67	ng		99
80) Benzo(a)anthracene	14.09	228	1197967m	49.35	ng		
81) 3,3'-Dichlorobenzidine	14.05	252	300694	36.26	ng		99
82) Chrysene	14.12	228	1299624m	55.56	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	1143062	67.71	ng		100
84) Di-n-octyl phthalate	14.69	149	1625517	71.82	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1159151	85.71	ng		98
87) Benzo(b)fluoranthene	15.14	252	1215172	50.20	ng	#	94
88) Benzo(k)fluoranthene	15.16	252	1154661m	44.33	ng		
89) Benzo(a)pyrene	15.50	252	1152352	52.00	ng	#	95
90) Dibenzo(a,h)anthracene	17.04	278	1001475	59.26	ng		98
91) Benzo(g,h,i)perylene	17.46	276	872356	54.13	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090583.D
Acq On : 15 Oct 2016 3:32
Operator : UM/SJ
Sample : PB94073BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 15 04:50:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB94073BS

Manual Integrations APPROVED
sohil
10/17/2016 6:37:21 PM