Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086309.D
Acq On : 20 Apr 2016 15:24
Operator : UM/SJ
Sample : PB89915BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Manual Integrations APPROVED
sohil
4/21/2016 7:09:40 PM

Quant Time: Apr 21 01:16:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266307	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1056049	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	479637	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	776074	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	438500	20.00	ng		-0.03
86) Perylene-d12	15.44	264	462855	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1662613	108.93	ng		-0.01
7) Phenol-d6	6.50	99	2061464	103.21	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1427514	77.42	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	403099	107.83	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2141149	85.43	ng		-0.03
78) Terphenyl-d14	12.97	244	1345791	73.05	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	244573	29.58	ng		97
3) Pyridine	3.28	79	729398	34.46	ng		97
4) n-Nitrosodimethylamine	3.22	42	254927	34.95	ng	#	70
6) Aniline	6.52	93	431641	16.06	ng	#	75
8) 2-Chlorophenol	6.65	128	645303	35.59	ng		88
9) Benzaldehyde	6.41	77	134513	9.50	ng		99
10) Phenol	6.51	94	863086	37.70	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	715754	35.80	ng		91
12) 1,3-Dichlorobenzene	6.81	146	692662m	34.82	ng		
13) 1,4-Dichlorobenzene	6.88	146	727323	34.22	ng		98
14) 1,2-Dichlorobenzene	7.04	146	663210	35.17	ng		98
15) Benzyl Alcohol	7.01	79	493929	39.80	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1012820	36.00	ng		91
17) 2-Methylphenol	7.12	107	569503	37.58	ng		97
18) Hexachloroethane	7.38	117	244640	38.62	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	430997	35.62	ng	#	82
20) 3+4-Methylphenols	7.28	107	625040	38.03	ng	#	78
22) Acetophenone	7.28	105	869065	39.18	ng	#	89
24) Nitrobenzene	7.45	77	715430	36.27	ng		99
25) Isophorone	7.69	82	1300918	37.24	ng		100
26) 2-Nitrophenol	7.77	139	375063	42.51	ng	#	76
27) 2,4-Dimethylphenol	7.80	122	663243	38.33	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	848946	41.55	ng		99
29) 2,4-Dichlorophenol	8.01	162	563069	41.26	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	555955	37.76	ng		98
31) Naphthalene	8.17	128	1888851	37.52	ng		99
32) Benzoic acid	7.93	122	371155	36.09	ng		97
33) 4-Chloroaniline	8.22	127	214548	10.30	ng		95
34) Hexachlorobutadiene	8.29	225	277258	37.37	ng		99
35) Caprolactam	8.59	113	185960	42.08	ng	#	83
36) 4-Chloro-3-methylphenol	8.70	107	593189	38.66	ng		96
37) 2-Methylnaphthalene	8.86	142	1236963	39.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	453616	35.53	ng		97
40) Hexachlorocyclopentadiene	9.01	237	273688	87.12	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086309.D
Acq On : 20 Apr 2016 15:24
Operator : UM/SJ
Sample : PB89915BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Manual Integrations APPROVED
sohil
4/21/2016 7:09:40 PM

Quant Time: Apr 21 01:16:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	329489	37.20	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	365456	37.89	ng	#	90
45) 1,1'-Biphenyl	9.33	154	1425602	37.85	ng		96
46) 2-Chloronaphthalene	9.36	162	1114335	39.04	ng		94
47) 2-Nitroaniline	9.45	65	382880	39.47	ng		86
48) Acenaphthylene	9.77	152	1741550	39.07	ng		99
49) Dimethylphthalate	9.63	163	1329153	36.40	ng		100
50) 2,6-Dinitrotoluene	9.69	165	280227	37.29	ng	#	73
51) Acenaphthene	9.94	154	1090718	41.71	ng		99
52) 3-Nitroaniline	9.86	138	157822	16.52	ng		83
53) 2,4-Dinitrophenol	9.96	184	158384	99.23	ng		90
54) Dibenzofuran	10.11	168	1477798	41.57	ng		96
55) 4-Nitrophenol	10.02	139	456661	77.07	ng		85
56) 2,4-Dinitrotoluene	10.09	165	356935	38.22	ng	#	66
57) Fluorene	10.45	166	1056207	40.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	265111	40.96	ng		99
59) Diethylphthalate	10.33	149	1254873	35.22	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	443279	36.33	ng		93
61) 4-Nitroaniline	10.48	138	280709	31.38	ng	#	79
62) Azobenzene	10.60	77	1387717	39.51	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	109187	45.15	ng	#	59
65) n-Nitrosodiphenylamine	10.57	169	1027583	40.19	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	300269	36.01	ng	#	91
67) Hexachlorobenzene	11.00	284	310868	37.14	ng	#	70
68) Atrazine	11.09	200	297184	37.82	ng		96
69) Pentachlorophenol	11.20	266	324505	74.02	ng		97
70) Phenanthrene	11.41	178	1462574	39.77	ng		99
71) Anthracene	11.46	178	1497640	38.03	ng		99
72) Carbazole	11.62	167	1460671	39.19	ng		97
73) Di-n-butylphthalate	11.95	149	1835204	38.24	ng		100
74) Fluoranthene	12.59	202	1236367	36.26	ng		98
76) Benzidine	12.72	184	506552	26.17	ng		98
77) Pyrene	12.82	202	1214452	37.34	ng		98
79) Butylbenzylphthalate	13.45	149	686931	40.01	ng		99
80) Benzo(a)anthracene	14.01	228	935486	40.50	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	275290	17.23	ng		98
82) Chrysene	14.04	228	860962	34.48	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	776224	38.60	ng		99
84) Di-n-octyl phthalate	14.61	149	1401610	38.68	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	991096	38.60	ng		96
87) Benzo(b)fluoranthene	15.04	252	1041150m	38.89	ng		
88) Benzo(k)fluoranthene	15.06	252	896338m	39.77	ng		
89) Benzo(a)pyrene	15.38	252	983615	39.86	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	839509	38.98	ng		96
91) Benzo(g,h,i)perylene	17.25	276	811226	39.28	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086309.D
Acq On : 20 Apr 2016 15:24
Operator : UM/SJ
Sample : PB89915BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 21 01:16:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB89915BS

Manual Integrations APPROVED
sohil
4/21/2016 7:09:40 PM