Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103601.D
Acq On : 13 Mar 2018 13:54
Operator : SJ/JU
Sample : PB107288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107288BS

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:10 PM

Quant Time: Mar 13 15:03:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120853	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	513414	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	238058	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	433272	20.00	ng		0.00
75) Chrysene-d12	14.06	240	341078	20.00	ng		0.00
86) Perylene-d12	15.56	264	371169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	898505	112.44	ng		0.00
7) Phenol-d6	6.50	99	1065326	108.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	701529	78.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	197863	98.19	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1045378	73.16	ng		-0.01
78) Terphenyl-d14	12.98	244	1049513	73.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	124386	29.473	ng		97
3) Pyridine	3.51	79	313560m	27.830	ng		
4) n-Nitrosodimethylamine	3.45	42	151458m	33.331	ng		
6) Aniline	6.54	93	307974	21.824	ng	#	65
8) 2-Chlorophenol	6.65	128	325557	39.219	ng		94
9) Benzaldehyde	6.43	77	155576m	23.197	ng		
10) Phenol	6.52	94	388124	34.193	ng		86
11) bis(2-Chloroethyl)ether	6.59	93	284964	33.077	ng		94
12) 1,3-Dichlorobenzene	6.80	146	332825	35.085	ng		97
13) 1,4-Dichlorobenzene	6.87	146	365533	38.434	ng		99
14) 1,2-Dichlorobenzene	7.03	146	313584	35.758	ng		100
15) Benzyl Alcohol	7.02	79	266336	36.148	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	512771	34.661	ng	#	48
17) 2-Methylphenol	7.12	107	274106	36.336	ng	#	78
18) Hexachloroethane	7.36	117	122912	35.501	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	252301	41.460	ng		96
20) 3+4-Methylphenols	7.29	107	360451	39.198	ng	#	72
22) Acetophenone	7.27	105	482259	40.242	ng	#	94
24) Nitrobenzene	7.45	77	365592	36.935	ng		93
25) Isophorone	7.67	82	699417	39.501	ng		95
26) 2-Nitrophenol	7.76	139	177926	38.184	ng	#	90
27) 2,4-Dimethylphenol	7.80	122	309315	43.428	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	424067	40.736	ng		98
29) 2,4-Dichlorophenol	8.02	162	279570	40.998	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	255715	35.214	ng		99
31) Naphthalene	8.16	128	969184	38.558	ng		100
32) Benzoic acid	7.93	122	36876	12.887	ng	#	89
33) 4-Chloroaniline	8.23	127	211432	19.493	ng		97
34) Hexachlorobutadiene	8.26	225	125288	33.132	ng		99
35) Caprolactam	8.60	113	104717m	43.694	ng		
36) 4-Chloro-3-methylphenol	8.72	107	325811	42.360	ng		98
37) 2-Methylnaphthalene	8.85	142	621135	38.236	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	228066	35.044	ng		97
40) Hexachlorocyclopentadiene	8.99	237	73376	37.317	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103601.D
Acq On : 13 Mar 2018 13:54
Operator : SJ/JU
Sample : PB107288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107288BS

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:10 PM

Quant Time: Mar 13 15:03:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	154222	35.218	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	169247	33.603	ng		95
45) 1,1'-Biphenyl	9.32	154	712591	35.722	ng		99
46) 2-Chloronaphthalene	9.35	162	564422	35.764	ng		99
47) 2-Nitroaniline	9.46	65	242157	41.424	ng	#	81
48) Acenaphthylene	9.76	152	863072	35.544	ng		99
49) Dimethylphthalate	9.62	163	660792	34.601	ng		100
50) 2,6-Dinitrotoluene	9.69	165	144687	36.103	ng	#	68
51) Acenaphthene	9.93	154	500353	35.338	ng		99
52) 3-Nitroaniline	9.88	138	124358	24.458	ng		97
53) 2,4-Dinitrophenol	10.02	184	43756	36.212	ng	#	23
54) Dibenzofuran	10.10	168	736371	37.886	ng		91
55) 4-Nitrophenol	10.06	139	109106	34.623	ng		87
56) 2,4-Dinitrotoluene	10.11	165	192189	37.918	ng	#	67
57) Fluorene	10.45	166	608025	36.722	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	135802m	40.137	ng		
59) Diethylphthalate	10.32	149	681887	37.333	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	267458	38.092	ng		95
61) 4-Nitroaniline	10.50	138	183042	36.042	ng		99
62) Azobenzene	10.60	77	755974	40.662	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	55959	23.985	ng	#	79
65) n-Nitrosodiphenylamine	10.56	169	545004	36.127	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	156682	34.715	ng		99
67) Hexachlorobenzene	11.00	284	167286	34.148	ng		97
68) Atrazine	11.09	200	168501	37.161	ng		96
69) Pentachlorophenol	11.21	266	93096	39.303	ng		97
70) Phenanthrene	11.42	178	861175	36.117	ng		98
71) Anthracene	11.47	178	957007	39.140	ng		99
72) Carbazole	11.64	167	952806	39.131	ng		99
73) Di-n-butylphthalate	11.94	149	1147955	37.678	ng		99
74) Fluoranthene	12.62	202	929043	38.773	ng		98
76) Benzidine	12.75	184	500717	39.268	ng		98
77) Pyrene	12.85	202	941179	35.393	ng		99
79) Butylbenzylphthalate	13.44	149	529865	37.713	ng		92
80) Benzo(a)anthracene	14.04	228	788930	35.649	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	186098	23.563	ng		96
82) Chrysene	14.08	228	807314	37.570	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	684447	36.100	ng	#	99
84) Di-n-octyl phthalate	14.62	149	1246767	40.700	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	755525	44.412	ng		98
87) Benzo(b)fluoranthene	15.12	252	792864	32.489	ng		98
88) Benzo(k)fluoranthene	15.15	252	800470	34.833	ng		98
89) Benzo(a)pyrene	15.50	252	764831	35.096	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	632385	37.553	ng		98
91) Benzo(g,h,i)perylene	17.58	276	634062	38.526	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103601.D
Acq On : 13 Mar 2018 13:54
Operator : SJ/JU
Sample : PB107288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 15:03:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB107288BS

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:10 PM