Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104628.D
Acq On : 19 Apr 2018 13:52
Operator : JU/SJ
Sample : PB108328BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108328BS

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:08 PM

Quant Time: Apr 19 15:31:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131278	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	514850	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	206755	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	307882	20.00	ng		0.00
75) Chrysene-d12	13.98	240	264534	20.00	ng		0.00
86) Perylene-d12	15.44	264	296317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	645488	75.18	ng		0.01
7) Phenol-d6	6.45	99	742021	70.34	ng		0.00
23) Nitrobenzene-d5	7.37	82	691337	87.68	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	151723	70.74	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1150481	87.90	ng		0.00
78) Terphenyl-d14	12.92	244	889314	76.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	137504	34.372	ng		88
3) Pyridine	3.32	79	386557	34.368	ng		88
4) n-Nitrosodimethylamine	3.29	42	149872	38.118	ng		79
6) Aniline	6.47	93	154206	10.522	ng		95
8) 2-Chlorophenol	6.59	128	342528	37.799	ng		95
9) Benzaldehyde	6.36	77	209091	38.795	ng		93
10) Phenol	6.46	94	389137	34.767	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	330126	36.960	ng		97
12) 1,3-Dichlorobenzene	6.75	146	372882	36.322	ng		99
13) 1,4-Dichlorobenzene	6.82	146	372018	36.353	ng		99
14) 1,2-Dichlorobenzene	6.97	146	346874	36.577	ng		99
15) Benzyl Alcohol	6.95	79	264105	32.963	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	414860	34.586	ng		86
17) 2-Methylphenol	7.07	107	270893	34.390	ng	#	93
18) Hexachloroethane	7.32	117	138631	37.995	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	228284	33.117	ng		91
20) 3+4-Methylphenols	7.22	107	324787	33.246	ng	#	85
22) Acetophenone	7.22	105	455176	35.910	ng		98
24) Nitrobenzene	7.39	77	350679	40.284	ng		96
25) Isophorone	7.63	82	629915	37.780	ng		99
26) 2-Nitrophenol	7.70	139	180310	50.879	ng		97
27) 2,4-Dimethylphenol	7.75	122	277321	37.688	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	401662	39.401	ng		99
29) 2,4-Dichlorophenol	7.95	162	254228	36.210	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	286049	37.124	ng		99
31) Naphthalene	8.11	128	951020	37.096	ng		99
32) Benzoic acid	7.86	122	154812m	26.368	ng		
33) 4-Chloroaniline	8.16	127	59261	5.396	ng		98
34) Hexachlorobutadiene	8.22	225	157189	37.244	ng		98
35) Caprolactam	8.53	113	81964	33.465	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	241856	32.126	ng		98
37) 2-Methylnaphthalene	8.80	142	611105	36.851	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	259378	43.825	ng		99
40) Hexachlorocyclopentadiene	8.95	237	219467	66.236	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104628.D
Acq On : 19 Apr 2018 13:52
Operator : JU/SJ
Sample : PB108328BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:08 PM

Quant Time: Apr 19 15:31:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	162434	39.536	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	157284	34.210	ng		97
45) 1,1'-Biphenyl	9.26	154	693570	39.932	ng		99
46) 2-Chloronaphthalene	9.29	162	543251	39.598	ng		99
47) 2-Nitroaniline	9.39	65	138846	40.924	ng		90
48) Acenaphthylene	9.70	152	795068	36.937	ng		100
49) Dimethylphthalate	9.57	163	599098	36.745	ng		99
50) 2,6-Dinitrotoluene	9.63	165	128118	42.467	ng	#	87
51) Acenaphthene	9.88	154	464767	35.389	ng		99
52) 3-Nitroaniline	9.80	138	57563	16.298	ng		99
53) 2,4-Dinitrophenol	9.91	184	51277	50.507	ng	#	17
54) Dibenzofuran	10.05	168	679374	37.119	ng		99
55) 4-Nitrophenol	9.97	139	177399	63.941	ng		99
56) 2,4-Dinitrotoluene	10.03	165	162796	41.138	ng	#	95
57) Fluorene	10.39	166	515021	38.660	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121374	35.386	ng		93
59) Diethylphthalate	10.26	149	558640	34.403	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	233083	39.287	ng		95
61) 4-Nitroaniline	10.42	138	99361	28.772	ng		93
62) Azobenzene	10.55	77	522966	33.710	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	43671	32.014	ng		90
65) n-Nitrosodiphenylamine	10.50	169	430233	40.303	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	137191	41.892	ng		92
67) Hexachlorobenzene	10.94	284	161068	43.710	ng		93
68) Atrazine	11.03	200	127484	39.564	ng		98
69) Pentachlorophenol	11.14	266	133621	58.614	ng		96
70) Phenanthrene	11.36	178	670305	39.095	ng		99
71) Anthracene	11.41	178	686533	39.391	ng		99
72) Carbazole	11.56	167	602926	35.402	ng		100
73) Di-n-butylphthalate	11.89	149	763391	36.694	ng		99
74) Fluoranthene	12.54	202	665846	37.169	ng		98
76) Benzidine	12.67	184	227600	21.745	ng		98
77) Pyrene	12.77	202	670614	34.201	ng		99
79) Butylbenzylphthalate	13.39	149	325848	35.274	ng		98
80) Benzo(a)anthracene	13.97	228	648156	41.013	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	166053	28.181	ng		100
82) Chrysene	14.00	228	621063	38.260	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	447801	37.687	ng		100
84) Di-n-octyl phthalate	14.57	149	809032	40.750	ng		95
85) Indeno(1,2,3-cd)pyrene	16.90	276	709661	51.464	ng		97
87) Benzo(b)fluoranthene	15.02	252	704705	37.655	ng		99
88) Benzo(k)fluoranthene	15.05	252	651738	36.887	ng		98
89) Benzo(a)pyrene	15.38	252	673769	40.237	ng	#	97
90) Dibenzo(a,h)anthracene	16.91	278	578742	42.082	ng		99
91) Benzo(g,h,i)perylene	17.34	276	578954	43.451	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104628.D
Acq On : 19 Apr 2018 13:52
Operator : JU/SJ
Sample : PB108328BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 19 15:31:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108328BS

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:08 PM