Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104803.D
Acq On : 25 Apr 2018 21:41
Operator : JU/SJ
Sample : PB108602BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 12:27:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:14:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102859	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	417774	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	180820	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	271098	20.00	ng		0.00
75) Chrysene-d12	13.99	240	180968	20.00	ng		0.00
86) Perylene-d12	15.45	264	144014	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	711993	105.84	ng		0.01
7) Phenol-d6	6.45	99	863972	104.53	ng		0.00
23) Nitrobenzene-d5	7.37	82	539384	84.31	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	194692	103.80	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1002329	87.57	ng		0.00
78) Terphenyl-d14	12.92	244	699319	88.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	89232	28.468	ng		87
3) Pyridine	3.33	79	254695	28.901	ng	#	85
4) n-Nitrosodimethylamine	3.29	42	101767	33.035	ng		83
6) Aniline	6.46	93	204366	17.797	ng	#	1
8) 2-Chlorophenol	6.59	128	271512	38.241	ng		94
9) Benzaldehyde	6.35	77	107571	22.096	ng		96
10) Phenol	6.46	94	312592	35.644	ng		83
11) bis(2-Chloroethyl)ether	6.54	93	242712	34.682	ng		94
12) 1,3-Dichlorobenzene	6.74	146	284424	35.360	ng		98
13) 1,4-Dichlorobenzene	6.82	146	292204	36.443	ng		98
14) 1,2-Dichlorobenzene	6.97	146	271519	36.542	ng		99
15) Benzyl Alcohol	6.95	79	218488	34.804	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	284604	30.282	ng		50
17) 2-Methylphenol	7.07	107	214983	34.833	ng	#	90
18) Hexachloroethane	7.31	117	79647	27.860	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	175657	32.523	ng		96
20) 3+4-Methylphenols	7.22	107	274614	35.876	ng	#	88
22) Acetophenone	7.22	105	362425	35.237	ng	#	99
24) Nitrobenzene	7.39	77	269602	38.167	ng		95
25) Isophorone	7.63	82	485180	35.861	ng		99
26) 2-Nitrophenol	7.70	139	137882	47.948	ng		95
27) 2,4-Dimethylphenol	7.75	122	231643	38.795	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	312328	37.757	ng		99
29) 2,4-Dichlorophenol	7.95	162	220471	38.698	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	232788	37.232	ng		98
31) Naphthalene	8.11	128	757998	36.437	ng		99
32) Benzoic acid	7.87	122	100889	21.177	ng		97
33) 4-Chloroaniline	8.16	127	106378	11.936	ng		93
34) Hexachlorobutadiene	8.22	225	126880	37.049	ng		99
35) Caprolactam	8.54	113	68322m	34.377	ng		
36) 4-Chloro-3-methylphenol	8.66	107	231987	37.975	ng		98
37) 2-Methylnaphthalene	8.80	142	502997	37.380	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	216454	41.818	ng		99
40) Hexachlorocyclopentadiene	8.95	237	20037	6.915	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104803.D
Acq On : 25 Apr 2018 21:41
Operator : JU/SJ
Sample : PB108602BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:14:49 PM

Quant Time: Apr 26 12:27:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	146076	40.654	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	153874	38.269	ng		96
45) 1,1'-Biphenyl	9.26	154	588882	38.767	ng		99
46) 2-Chloronaphthalene	9.29	162	456660	38.060	ng		99
47) 2-Nitroaniline	9.39	65	136232	45.913	ng		98
48) Acenaphthylene	9.71	152	660196	35.070	ng		100
49) Dimethylphthalate	9.56	163	561295	39.364	ng		100
50) 2,6-Dinitrotoluene	9.63	165	114270	43.309	ng		97
51) Acenaphthene	9.88	154	389566	33.917	ng		99
52) 3-Nitroaniline	9.80	138	87190	28.227	ng		98
53) 2,4-Dinitrophenol	9.92	184	19358	27.863	ng	#	23
54) Dibenzofuran	10.05	168	578803	36.160	ng		96
55) 4-Nitrophenol	9.99	139	156005	64.295	ng		94
56) 2,4-Dinitrotoluene	10.05	165	136190	39.351	ng	#	97
57) Fluorene	10.40	166	455206	39.071	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	106189	35.399	ng		97
59) Diethylphthalate	10.26	149	525404	36.998	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	217470	41.913	ng		96
61) 4-Nitroaniline	10.42	138	98021	32.455	ng		97
62) Azobenzene	10.55	77	443743	32.706	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	19344	19.756	ng	#	76
65) n-Nitrosodiphenylamine	10.50	169	405784	43.170	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	127423	44.189	ng		94
67) Hexachlorobenzene	10.95	284	129191	39.816	ng		92
68) Atrazine	11.03	200	125443	44.213	ng		99
69) Pentachlorophenol	11.15	266	96638	48.143	ng		98
70) Phenanthrene	11.36	178	561604	37.199	ng		98
71) Anthracene	11.41	178	571994	37.272	ng		99
72) Carbazole	11.57	167	503317	33.563	ng		99
73) Di-n-butylphthalate	11.89	149	719449	39.274	ng		99
74) Fluoranthene	12.55	202	495972	31.443	ng		98
76) Benzidine	12.68	184	388858	86.218	ng		98
77) Pyrene	12.78	202	484960	36.153	ng		99
79) Butylbenzylphthalate	13.39	149	232293	36.758	ng		99
80) Benzo(a)anthracene	13.97	228	430198	39.792	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	154448	38.315	ng		100
82) Chrysene	14.01	228	409903	36.912	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	316265	38.908	ng		99
84) Di-n-octyl phthalate	14.57	149	531046	39.099	ng		95
85) Indeno(1,2,3-cd)pyrene	16.92	276	302376	32.054	ng		94
87) Benzo(b)fluoranthene	15.03	252	363747	39.991	ng		99
88) Benzo(k)fluoranthene	15.06	252	349199	40.665	ng	#	97
89) Benzo(a)pyrene	15.39	252	315276	38.739	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	256607	38.391	ng		96
91) Benzo(g,h,i)perylene	17.36	276	240062	37.071	ng	#	93

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104803.D
Acq On : 25 Apr 2018 21:41
Operator : JU/SJ
Sample : PB108602BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 12:27:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108602BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:14:49 PM