Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF-2018\BF-FEB-2018\BF020318\
Data File : BF102712.D
Acq On : 3 Feb 2018 12:41
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Manual Integrations APPROVED
Sohil
4/13/2018 4:48:05 PM

Quant Time: Apr 13 16:03:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	185341	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	798611	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	372565	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	656042	20.00	ng		0.00
75) Chrysene-d12	14.04	240	487545	20.00	ng		0.00
86) Perylene-d12	15.51	264	464059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	889084	72.85	ng		0.00
7) Phenol-d6	6.50	99	1071358	72.91	ng		0.00
23) Nitrobenzene-d5	7.45	82	934100	81.14	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	246305	82.14	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1657938	73.84	ng		0.00
78) Terphenyl-d14	12.99	244	1425159	69.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	219699	36.447	ng	#	85
3) Pyridine	3.43	79	621859	37.340	ng		87
4) n-Nitrosodimethylamine	3.37	42	263353	36.959	ng		92
6) Aniline	6.54	93	788865	36.352	ng		95
8) 2-Chlorophenol	6.66	128	464824	36.996	ng		99
9) Benzaldehyde	6.43	77	397776	36.451	ng		98
10) Phenol	6.51	94	576495	36.820	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	476240	36.343	ng		87
12) 1,3-Dichlorobenzene	6.82	146	536248	36.856	ng		98
13) 1,4-Dichlorobenzene	6.90	146	528735	36.481	ng		98
14) 1,2-Dichlorobenzene	7.05	146	495201	36.683	ng		98
15) Benzyl Alcohol	7.02	79	429822	38.045	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	920779	36.990	ng		96
17) 2-Methylphenol	7.12	107	427559	36.892	ng		100
18) Hexachloroethane	7.39	117	187562	37.739	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	357662	36.916	ng		92
20) 3+4-Methylphenols	7.27	107	538438	37.674	ng		96
22) Acetophenone	7.29	105	698860	35.761	ng		95
24) Nitrobenzene	7.46	77	529699	39.107	ng		97
25) Isophorone	7.70	82	956971	36.100	ng		99
26) 2-Nitrophenol	7.77	139	220323	41.119	ng		97
27) 2,4-Dimethylphenol	7.80	122	422701	37.743	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	567401	36.132	ng		100
29) 2,4-Dichlorophenol	8.01	162	382065	37.527	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	421611	36.606	ng		97
31) Naphthalene	8.19	128	1419252	36.374	ng		100
32) Benzoic acid	7.92	122	316823	42.214	ng		97
33) 4-Chloroaniline	8.23	127	609005	36.231	ng		97
34) Hexachlorobutadiene	8.30	225	214458	36.337	ng		100
35) Caprolactam	8.60	113	137752	38.960	ng	#	72
36) 4-Chloro-3-methylphenol	8.70	107	429650	37.560	ng		98
37) 2-Methylnaphthalene	8.87	142	926449	36.266	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	362829	35.767	ng		98
40) Hexachlorocyclopentadiene	9.03	237	194555	40.344	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF-2018\BF-FEB-2018\BF020318\
Data File : BF102712.D
Acq On : 3 Feb 2018 12:41
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Manual Integrations APPROVED
Sohil
4/13/2018 4:48:05 PM

Quant Time: Apr 13 16:03:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	263315	39.519	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	293365	39.064	ng		99
45) 1,1'-Biphenyl	9.34	154	1120006	35.692	ng		99
46) 2-Chloronaphthalene	9.36	162	904421	36.609	ng		99
47) 2-Nitroaniline	9.46	65	301428	40.152	ng		92
48) Acenaphthylene	9.78	152	1403467	36.577	ng		99
49) Dimethylphthalate	9.64	163	1067825	36.759	ng		100
50) 2,6-Dinitrotoluene	9.70	165	228728	41.386	ng		96
51) Acenaphthene	9.95	154	840695	36.637	ng		99
52) 3-Nitroaniline	9.87	138	276301	40.630	ng		97
53) 2,4-Dinitrophenol	9.96	184	56985	45.313	ng	#	48
54) Dibenzofuran	10.12	168	1188224	36.744	ng		98
55) 4-Nitrophenol	10.01	139	207325	39.257	ng		94
56) 2,4-Dinitrotoluene	10.10	165	295317	40.365	ng		95
57) Fluorene	10.46	166	880400	37.419	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	214554	41.221	ng		99
59) Diethylphthalate	10.33	149	1064559	37.114	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	390456	37.514	ng		99
61) 4-Nitroaniline	10.48	138	265537	41.023	ng		97
62) Azobenzene	10.62	77	1055787	36.844	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	110990	42.559	ng		95
65) n-Nitrosodiphenylamine	10.57	169	832924	35.994	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	249719	35.984	ng		97
67) Hexachlorobenzene	11.01	284	276453	36.110	ng		96
68) Atrazine	11.10	200	251612	36.857	ng		99
69) Pentachlorophenol	11.20	266	180168	40.090	ng		98
70) Phenanthrene	11.43	178	1306830	35.767	ng		99
71) Anthracene	11.48	178	1337935	36.003	ng		99
72) Carbazole	11.63	167	1324627	36.384	ng		100
73) Di-n-butylphthalate	11.96	149	1639701	37.076	ng		99
74) Fluoranthene	12.62	202	1313099	35.720	ng		99
76) Benzidine	12.73	184	814669	36.357	ng	#	94
77) Pyrene	12.84	202	1369933	35.833	ng		99
79) Butylbenzylphthalate	13.46	149	682105	37.528	ng		97
80) Benzo(a)anthracene	14.03	228	1101670	35.930	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	432834	38.072	ng		97
82) Chrysene	14.07	228	1113908	36.038	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	897343	38.315	ng		100
84) Di-n-octyl phthalate	14.63	149	1425597	40.539	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	950800	37.090	ng		99
87) Benzo(b)fluoranthene	15.07	252	1064351m	35.376	ng		
88) Benzo(k)fluoranthene	15.11	252	1016306	35.353	ng		100
89) Benzo(a)pyrene	15.45	252	973172	35.935	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	793437	36.096	ng		99
91) Benzo(g,h,i)perylene	17.44	276	782172	36.355	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF-2018\BF-FEB-2018\BF020318\
Data File : BF102712.D
Acq On : 3 Feb 2018 12:41
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 13 16:03:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF020318

Manual Integrations APPROVED
Sohil
4/13/2018 4:48:05 PM