Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104497.D
Acq On : 13 Apr 2018 23:35
Operator : JU/SJ
Sample : PB108229BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Manual Integrations APPROVED
Sohil
4/16/2018 3:10:36 PM

Quant Time: Apr 14 00:21:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139529	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	554211	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	237077	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	356755	20.00	ng		0.00
75) Chrysene-d12	13.99	240	242279	20.00	ng		0.00
86) Perylene-d12	15.45	264	183972	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	898644	98.48	ng		0.02
7) Phenol-d6	6.46	99	1100267	98.13	ng		0.01
23) Nitrobenzene-d5	7.38	82	687458	81.00	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	230080	93.56	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1177439	78.46	ng		0.00
78) Terphenyl-d14	12.93	244	866743	81.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	121210	28.507	ng		89
3) Pyridine	3.35	79	354970	29.693	ng		88
4) n-Nitrosodimethylamine	3.31	42	142063	33.995	ng		83
6) Aniline	6.47	93	166697	10.702	ng	#	1
8) 2-Chlorophenol	6.60	128	344551	35.774	ng		93
9) Benzaldehyde	6.36	77	162301	25.298	ng		95
10) Phenol	6.47	94	401859	33.780	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	319399	33.645	ng		95
12) 1,3-Dichlorobenzene	6.75	146	363205	33.287	ng		98
13) 1,4-Dichlorobenzene	6.83	146	365407	33.596	ng		99
14) 1,2-Dichlorobenzene	6.98	146	335596	33.295	ng		99
15) Benzyl Alcohol	6.96	79	282032	33.119	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	395300	31.006	ng		80
17) 2-Methylphenol	7.07	107	285877	34.146	ng		93
18) Hexachloroethane	7.32	117	118529	30.565	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	227040	30.989	ng		96
20) 3+4-Methylphenols	7.23	107	347560	33.473	ng	#	76
22) Acetophenone	7.22	105	451986	33.126	ng		98
24) Nitrobenzene	7.40	77	351461	37.507	ng		98
25) Isophorone	7.63	82	636140	35.444	ng		98
26) 2-Nitrophenol	7.71	139	166937	43.760	ng		98
27) 2,4-Dimethylphenol	7.75	122	302496	38.189	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	406974	37.087	ng		99
29) 2,4-Dichlorophenol	7.96	162	275703	36.480	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	287936	34.715	ng		99
31) Naphthalene	8.12	128	953999	34.569	ng		100
32) Benzoic acid	7.87	122	127597	20.189	ng		97
33) 4-Chloroaniline	8.17	127	74976	6.342	ng		96
34) Hexachlorobutadiene	8.23	225	158061	34.791	ng		99
35) Caprolactam	8.55	113	90999m	34.515	ng		
36) 4-Chloro-3-methylphenol	8.66	107	289039	35.667	ng		99
37) 2-Methylnaphthalene	8.81	142	625690	35.051	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262657	38.703	ng		99
40) Hexachlorocyclopentadiene	8.96	237	64375	16.944	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104497.D
Acq On : 13 Apr 2018 23:35
Operator : JU/SJ
Sample : PB108229BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Manual Integrations APPROVED
Sohil
4/16/2018 3:10:36 PM

Quant Time: Apr 14 00:21:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	178906	37.975	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	185531	35.193	ng		98
45) 1,1'-Biphenyl	9.27	154	713833	35.842	ng		99
46) 2-Chloronaphthalene	9.30	162	562592	35.763	ng		99
47) 2-Nitroaniline	9.40	65	173495	44.597	ng		98
48) Acenaphthylene	9.72	152	835269	33.842	ng		100
49) Dimethylphthalate	9.57	163	686638	36.728	ng		100
50) 2,6-Dinitrotoluene	9.64	165	145037	41.926	ng		98
51) Acenaphthene	9.89	154	483869	32.131	ng		99
52) 3-Nitroaniline	9.81	138	81468	20.116	ng	#	92
53) 2,4-Dinitrophenol	9.92	184	17876	21.853	ng	#	24
54) Dibenzofuran	10.06	168	735591	35.051	ng		99
55) 4-Nitrophenol	9.98	139	196229	61.682	ng		98
56) 2,4-Dinitrotoluene	10.05	165	175483	38.672	ng		93
57) Fluorene	10.40	166	535563	35.060	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	133580	33.964	ng		94
59) Diethylphthalate	10.27	149	646557	34.725	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	260775	38.333	ng		99
61) 4-Nitroaniline	10.43	138	131258	33.147	ng		94
62) Azobenzene	10.56	77	570776	32.087	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	17504	15.879	ng		80
65) n-Nitrosodiphenylamine	10.52	169	497126	40.189	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	153277	40.392	ng		90
67) Hexachlorobenzene	10.95	284	162467	38.050	ng	#	89
68) Atrazine	11.04	200	151289	40.520	ng		98
69) Pentachlorophenol	11.14	266	131896	49.931	ng		97
70) Phenanthrene	11.37	178	708723	35.673	ng		98
71) Anthracene	11.42	178	720395	35.671	ng		98
72) Carbazole	11.57	167	634204	32.137	ng		100
73) Di-n-butylphthalate	11.90	149	878677	36.449	ng		99
74) Fluoranthene	12.56	202	648555	31.244	ng		98
76) Benzidine	12.68	184	315367	37.801	ng		97
77) Pyrene	12.79	202	650290	36.211	ng		99
79) Butylbenzylphthalate	13.40	149	312581	36.946	ng		98
80) Benzo(a)anthracene	13.98	228	554570	38.315	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	189147	35.049	ng		98
82) Chrysene	14.02	228	535103	35.993	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	430485	39.558	ng		100
84) Di-n-octyl phthalate	14.58	149	710323	39.064	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.91	276	384952	30.481	ng		97
87) Benzo(b)fluoranthene	15.03	252	446768	38.450	ng		99
88) Benzo(k)fluoranthene	15.06	252	444264	40.499	ng		99
89) Benzo(a)pyrene	15.39	252	393670	37.866	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	323074	37.837	ng		98
91) Benzo(g,h,i)perylene	17.35	276	316242	38.228	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104497.D
Acq On : 13 Apr 2018 23:35
Operator : JU/SJ
Sample : PB108229BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 14 00:21:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Manual Integrations APPROVED
Sohil
4/16/2018 3:10:36 PM