Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033726.D
Acq On : 10 Apr 2018 23:02
Operator : SJ/JU
Sample : PB108122BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108122BSD

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:32 PM

Quant Time: Apr 11 04:00:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33970	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	142444	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	110136	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	297533	20.00	ng		0.00
75) Chrysene-d12	22.55	240	318927	20.00	ng		0.00
86) Perylene-d12	26.31	264	344293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	254447	140.45	ng		0.00
7) Phenol-d6	7.97	99	392639	126.14	ng		0.00
23) Nitrobenzene-d5	10.06	82	250360	80.75	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	187853	114.04	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	593145	77.75	ng		0.00
78) Terphenyl-d14	20.72	244	1208467	81.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	33062	35.937	ng		92
3) Pyridine	4.38	79	95409	37.515	ng		95
4) n-Nitrosodimethylamine	4.29	42	40254	38.569	ng	#	81
6) Aniline	8.15	93	57561	15.725	ng	#	95
8) 2-Chlorophenol	8.41	128	90447	43.672	ng		96
9) Benzaldehyde	7.96	77	70275m	35.525	ng		
10) Phenol	8.00	94	135674	44.147	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	88609	35.324	ng		94
12) 1,3-Dichlorobenzene	8.74	146	99184	36.630	ng		94
13) 1,4-Dichlorobenzene	8.89	146	92365	34.061	ng		94
14) 1,2-Dichlorobenzene	9.22	146	98252	37.123	ng		98
15) Benzyl Alcohol	9.09	79	95058	38.787	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.38	45	165448	40.458	ng		89
17) 2-Methylphenol	9.29	107	83284	39.781	ng	#	91
18) Hexachloroethane	9.97	117	39374	37.621	ng		99
19) n-Nitroso-di-n-propylamine	9.66	70	87808	38.497	ng		98
20) 3+4-Methylphenols	9.63	107	115652	38.798	ng		93
22) Acetophenone	9.69	105	148460	38.042	ng	#	97
24) Nitrobenzene	10.10	77	125644	37.861	ng		93
25) Isophorone	10.62	82	217227	36.100	ng		97
26) 2-Nitrophenol	10.83	139	50405	40.119	ng	#	88
27) 2,4-Dimethylphenol	10.86	122	81506	44.657	ng		95
28) bis(2-Chloroethoxy)methane	11.10	93	119193	39.700	ng		99
29) 2,4-Dichlorophenol	11.37	162	95602	42.593	ng		99
30) 1,2,4-Trichlorobenzene	11.59	180	107905	37.001	ng		91
31) Naphthalene	11.79	128	265796	36.008	ng		99
32) Benzoic acid	11.00	122	41467	24.440	ng		91
33) 4-Chloroaniline	11.90	127	40977	12.391	ng		97
34) Hexachlorobutadiene	12.05	225	82115	37.235	ng		97
35) Caprolactam	12.62	113	38717	44.030	ng		97
36) 4-Chloro-3-methylphenol	12.95	107	125022	42.706	ng		97
37) 2-Methylnaphthalene	13.34	142	197702	34.507	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	136341	34.176	ng	#	98
40) Hexachlorocyclopentadiene	13.66	237	163719	70.004	ng		90

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033726.D
Acq On : 10 Apr 2018 23:02
Operator : SJ/JU
Sample : PB108122BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108122BSD

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:32 PM

Quant Time: Apr 11 04:00:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	96156	41.485	ng		95
43) 2,4,5-Trichlorophenol	14.00	196	104528	38.153	ng		95
45) 1,1'-Biphenyl	14.32	154	315916	37.336	ng		97
46) 2-Chloronaphthalene	14.37	162	244224	37.433	ng		97
47) 2-Nitroaniline	14.56	65	101240	41.429	ng		97
48) Acenaphthylene	15.20	152	398884	36.628	ng		98
49) Dimethylphthalate	14.90	163	357596	37.309	ng		99
50) 2,6-Dinitrotoluene	15.03	165	80541	41.096	ng		98
51) Acenaphthene	15.54	154	294364	41.931	ng		94
52) 3-Nitroaniline	15.37	138	40096	19.514	ng	#	87
53) 2,4-Dinitrophenol	15.57	184	79145	78.175	ng	#	79
54) Dibenzofuran	15.87	168	404706	39.027	ng		91
55) 4-Nitrophenol	15.66	139	129754	89.808	ng		93
56) 2,4-Dinitrotoluene	15.81	165	116602	40.408	ng		94
57) Fluorene	16.51	166	319292	36.142	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	104599	40.555	ng		96
59) Diethylphthalate	16.24	149	363149	39.019	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	196644	38.722	ng		96
61) 4-Nitroaniline	16.53	138	70232	33.754	ng	#	84
62) Azobenzene	16.78	77	352851	39.137	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	73620	41.361	ng		94
65) n-Nitrosodiphenylamine	16.70	169	319464	37.610	ng		94
66) 4-Bromophenyl-phenylether	17.38	248	127034	36.355	ng		94
67) Hexachlorobenzene	17.51	284	134198	36.391	ng		96
68) Atrazine	17.61	200	141094	40.992	ng		99
69) Pentachlorophenol	17.84	266	172223	68.043	ng		98
70) Phenanthrene	18.25	178	554146	35.762	ng		99
71) Anthracene	18.34	178	563184	35.895	ng		99
72) Carbazole	18.60	167	578723	41.625	ng		99
73) Di-n-butylphthalate	19.09	149	654945	40.472	ng	#	99
74) Fluoranthene	20.20	202	736493	38.408	ng		96
76) Benzidine	20.36	184	275793	31.888	ng		99
77) Pyrene	20.56	202	755346	35.511	ng		99
79) Butylbenzylphthalate	21.41	149	299520	38.159	ng		98
80) Benzo(a)anthracene	22.53	228	721803	35.543	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	135017	18.683	ng		98
82) Chrysene	22.60	228	705155	35.871	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	425281	39.304	ng		99
84) Di-n-octyl phthalate	23.74	149	720735	43.504	ng		100
85) Indeno(1,2,3-cd)pyrene	30.67	276	809472	38.085	ng	#	88
87) Benzo(b)fluoranthene	25.10	252	677804	34.075	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	713352	35.459	ng	#	98
89) Benzo(a)pyrene	26.13	252	683500	35.781	ng	#	96
90) Dibenzo(a,h)anthracene	30.74	278	676789	37.613	ng	#	96
91) Benzo(g,h,i)perylene	32.06	276	655232	36.774	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033726.D
Acq On : 10 Apr 2018 23:02
Operator : SJ/JU
Sample : PB108122BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 11 04:00:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB108122BSD

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:32 PM