Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032996.D
Acq On : 5 Mar 2018 19:06
Operator : SJ/JU
Sample : PB107053BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:32 PM

Quant Time: Mar 06 02:15:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57200	20.00	ng		-0.01
21) Naphthalene-d8	11.80	136	258018	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	153584	20.00	ng		-0.01
63) Phenanthrene-d10	18.26	188	348475	20.00	ng		0.00
75) Chrysene-d12	22.61	240	315165	20.00	ng		-0.01
86) Perylene-d12	26.41	264	341875	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	474900	132.83	ng		0.00
7) Phenol-d6	8.01	99	642673	128.96	ng		0.00
23) Nitrobenzene-d5	10.11	82	374829	98.97	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	220039	136.26	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	831482	78.08	ng		-0.01
78) Terphenyl-d14	20.77	244	1196187	85.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	50990	32.861	ng		97
3) Pyridine	4.42	79	142683	33.362	ng		95
4) n-Nitrosodimethylamine	4.32	42	82923	48.361	ng	#	87
6) Aniline	8.20	93	98753	14.639	ng		98
8) 2-Chlorophenol	8.46	128	168621	43.088	ng		95
9) Benzaldehyde	8.01	77	58955	20.526	ng		98
10) Phenol	8.04	94	220236	43.840	ng		93
11) bis(2-Chloroethyl)ether	8.29	93	151914	36.981	ng		96
12) 1,3-Dichlorobenzene	8.80	146	163903	35.759	ng		97
13) 1,4-Dichlorobenzene	8.95	146	164565	35.668	ng		94
14) 1,2-Dichlorobenzene	9.28	146	157385	35.597	ng		95
15) Benzyl Alcohol	9.14	79	151082	41.238	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	288065	40.792	ng		100
17) 2-Methylphenol	9.34	107	147874	39.918	ng		95
18) Hexachloroethane	10.04	117	60140	38.284	ng	#	84
19) n-Nitroso-di-n-propylamine	9.72	70	127364	36.201	ng	#	91
20) 3+4-Methylphenols	9.67	107	206698	40.129	ng		95
22) Acetophenone	9.75	105	236701	36.325	ng	#	98
24) Nitrobenzene	10.16	77	182596	44.858	ng		91
25) Isophorone	10.68	82	350609	38.715	ng		96
26) 2-Nitrophenol	10.88	139	87709	56.666	ng		95
27) 2,4-Dimethylphenol	10.91	122	182527	46.396	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	211960	40.176	ng		94
29) 2,4-Dichlorophenol	11.42	162	161371	45.194	ng		94
30) 1,2,4-Trichlorobenzene	11.65	180	149444	35.705	ng		96
31) Naphthalene	11.85	128	505963	37.528	ng		98
32) Benzoic acid	11.02	122	115810	47.484	ng		88
33) 4-Chloroaniline	11.94	127	91698	15.211	ng		96
34) Hexachlorobutadiene	12.11	225	83106	35.398	ng		98
35) Caprolactam	12.68	113	66753	46.690	ng		96
36) 4-Chloro-3-methylphenol	13.00	107	195948	47.158	ng		92
37) 2-Methylnaphthalene	13.40	142	375249	38.470	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	158172	34.693	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	199799	85.990	ng		91

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032996.D
Acq On : 5 Mar 2018 19:06
Operator : SJ/JU
Sample : PB107053BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:32 PM

Quant Time: Mar 06 02:15:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	124680	43.364	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	140359	42.179	ng	#	94
45) 1,1'-Biphenyl	14.37	154	480633	35.812	ng		96
46) 2-Chloronaphthalene	14.43	162	363134	36.222	ng		98
47) 2-Nitroaniline	14.60	65	136863	52.875	ng		92
48) Acenaphthylene	15.26	152	605778	36.907	ng		98
49) Dimethylphthalate	14.95	163	486353	37.295	ng		100
50) 2,6-Dinitrotoluene	15.08	165	109535	50.238	ng		93
51) Acenaphthene	15.59	154	413075	40.410	ng		96
52) 3-Nitroaniline	15.41	138	71036	29.965	ng	#	88
53) 2,4-Dinitrophenol	15.61	184	86271	110.477	ng	#	49
54) Dibenzofuran	15.92	168	566373	38.912	ng		94
55) 4-Nitrophenol	15.68	139	185772	86.373	ng		84
56) 2,4-Dinitrotoluene	15.85	165	152998	57.491	ng		90
57) Fluorene	16.56	166	460205	38.308	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	120157m	46.507	ng		
59) Diethylphthalate	16.29	149	528132	38.397	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	228073	38.809	ng		92
61) 4-Nitroaniline	16.56	138	113176	40.962	ng		86
62) Azobenzene	16.83	77	488506	39.700	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	67355	60.178	ng		95
65) n-Nitrosodiphenylamine	16.75	169	429113	37.853	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	136971	37.172	ng	#	84
67) Hexachlorobenzene	17.56	284	141474	35.529	ng	#	90
68) Atrazine	17.66	200	149448	40.050	ng		94
69) Pentachlorophenol	17.89	266	188399	75.114	ng		96
70) Phenanthrene	18.30	178	745086	38.325	ng		98
71) Anthracene	18.39	178	763948	39.140	ng		100
72) Carbazole	18.64	167	704945	36.643	ng	#	97
73) Di-n-butylphthalate	19.14	149	908037	38.473	ng		100
74) Fluoranthene	20.25	202	826537	38.487	ng		95
76) Benzidine	20.40	184	158113	14.718	ng		98
77) Pyrene	20.61	202	833373	37.496	ng		97
79) Butylbenzylphthalate	21.46	149	416966	42.314	ng		94
80) Benzo(a)anthracene	22.59	228	791463	39.162	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	139403	18.624	ng	#	98
82) Chrysene	22.66	228	746870	38.687	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	601230	41.219	ng		96
84) Di-n-octyl phthalate	23.82	149	1034209	46.516	ng		100
85) Indeno(1,2,3-cd)pyrene	30.83	276	866462	38.484	ng	#	92
87) Benzo(b)fluoranthene	25.19	252	785932	38.881	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	778312	38.742	ng	#	96
89) Benzo(a)pyrene	26.23	252	763296	39.701	ng	#	96
90) Dibenzo(a,h)anthracene	30.90	278	722091	37.312	ng	#	93
91) Benzo(g,h,i)perylene	32.21	276	725261	38.017	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032996.D
Acq On : 5 Mar 2018 19:06
Operator : SJ/JU
Sample : PB107053BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 06 02:15:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB107053BS

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:32 PM