Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030705.D
Acq On : 3 Nov 2017 18:22
Operator : SJ/JU
Sample : PB103961BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103961BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:36 PM

Quant Time: Nov 03 18:20:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60102	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	286321	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	198212	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	483187	20.00	ng		0.00
75) Chrysene-d12	21.78	240	530108	20.00	ng		0.00
86) Perylene-d12	25.08	264	548181	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	395334	109.88	ng		0.00
7) Phenol-d6	7.31	99	542879	107.50	ng		0.00
23) Nitrobenzene-d5	9.32	82	310876	69.00	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	276002	107.85	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	884325	65.43	ng		0.00
78) Terphenyl-d14	20.10	244	1485490	63.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	46738	32.018	ng		86
3) Pyridine	3.97	79	128529	30.236	ng		90
4) n-Nitrosodimethylamine	3.88	42	59022	29.703	ng	#	97
6) Aniline	7.47	93	120696	19.301	ng		94
8) 2-Chlorophenol	7.71	128	141270	34.257	ng		91
9) Benzaldehyde	7.28	77	53163	20.930	ng		96
10) Phenol	7.34	94	193119	35.471	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	134877	34.003	ng		89
12) 1,3-Dichlorobenzene	8.04	146	147598m	31.880	ng		
13) 1,4-Dichlorobenzene	8.19	146	151198	31.986	ng		93
14) 1,2-Dichlorobenzene	8.51	146	143829	31.546	ng		98
15) Benzyl Alcohol	8.39	79	128491	36.105	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	210290	31.217	ng		95
17) 2-Methylphenol	8.59	107	130394	36.054	ng		97
18) Hexachloroethane	9.24	117	51956	32.253	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	109935	32.016	ng	#	98
20) 3+4-Methylphenols	8.92	107	181545	35.625	ng		93
22) Acetophenone	8.97	105	205369	29.763	ng	#	93
24) Nitrobenzene	9.36	77	158363	31.260	ng		91
25) Isophorone	9.88	82	302126	32.120	ng	#	95
26) 2-Nitrophenol	10.07	139	79835	32.973	ng	#	87
27) 2,4-Dimethylphenol	10.13	122	150221	34.291	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	191971	33.284	ng	#	96
29) 2,4-Dichlorophenol	10.61	162	166506	35.643	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	164489	32.592	ng		96
31) Naphthalene	11.02	128	451051	31.609	ng		98
32) Benzoic acid	10.25	122	99193m	27.043	ng		
33) 4-Chloroaniline	11.12	127	100327	16.714	ng		93
34) Hexachlorobutadiene	11.30	225	102080	32.532	ng		98
35) Caprolactam	11.88	113	58818m	37.885	ng		
36) 4-Chloro-3-methylphenol	12.23	107	173002	33.672	ng	#	89
37) 2-Methylnaphthalene	12.61	142	360282	34.642	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	203630	28.138	ng		98
40) Hexachlorocyclopentadiene	12.96	237	217899	79.513	ng		92

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030705.D
Acq On : 3 Nov 2017 18:22
Operator : SJ/JU
Sample : PB103961BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103961BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:36 PM

Quant Time: Nov 03 18:20:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	144287	31.761	ng		100
43) 2,4,5-Trichlorophenol	13.28	196	159624	34.214	ng		96
45) 1,1'-Biphenyl	13.61	154	489685	28.742	ng		98
46) 2-Chloronaphthalene	13.65	162	385328	31.007	ng		97
47) 2-Nitroaniline	13.85	65	116125	34.021	ng	#	83
48) Acenaphthylene	14.50	152	610179	31.374	ng		99
49) Dimethylphthalate	14.22	163	504321	32.610	ng		99
50) 2,6-Dinitrotoluene	14.34	165	114048	35.179	ng	#	80
51) Acenaphthene	14.84	154	383148	30.278	ng		97
52) 3-Nitroaniline	14.67	138	74267	21.229	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	117333	66.907	ng	#	51
54) Dibenzofuran	15.16	168	621107	34.382	ng		99
55) 4-Nitrophenol	14.98	139	189627	65.749	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	164222	37.420	ng	#	78
57) Fluorene	15.81	166	486277	32.585	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	152361	39.143	ng		94
59) Diethylphthalate	15.57	149	508297	32.980	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	274859	34.545	ng		93
61) 4-Nitroaniline	15.83	138	121576	33.845	ng		88
62) Azobenzene	16.09	77	448765	34.529	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	84188	32.447	ng		87
65) n-Nitrosodiphenylamine	16.01	169	448432	30.981	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	180402	32.537	ng		99
67) Hexachlorobenzene	16.82	284	194138	30.912	ng		95
68) Atrazine	16.95	200	179277	34.713	ng		99
69) Pentachlorophenol	17.16	266	222062	61.551	ng		99
70) Phenanthrene	17.55	178	816836	32.724	ng		97
71) Anthracene	17.64	178	842462	33.612	ng		100
72) Carbazole	17.91	167	776446	32.248	ng		99
73) Di-n-butylphthalate	18.45	149	890119	32.143	ng		100
74) Fluoranthene	19.55	202	1025432	35.123	ng		98
76) Benzidine	19.72	184	397337	24.824	ng		98
77) Pyrene	19.91	202	1062178	33.031	ng		97
79) Butylbenzylphthalate	20.78	149	424722	31.001	ng		89
80) Benzo(a)anthracene	21.76	228	1052558	33.818	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	249408	19.415	ng		98
82) Chrysene	21.83	228	1003025	33.651	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	600561	30.544	ng		99
84) Di-n-octyl phthalate	22.88	149	1031298	30.095	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1253266	34.177	ng		98
87) Benzo(b)fluoranthene	24.03	252	1082150	34.481	ng		99
88) Benzo(k)fluoranthene	24.10	252	1047699	33.509	ng		98
89) Benzo(a)pyrene	24.93	252	1053514	34.918	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1062100	34.772	ng		99
91) Benzo(g,h,i)perylene	30.05	276	1053474	37.120	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030705.D
Acq On : 3 Nov 2017 18:22
Operator : SJ/JU
Sample : PB103961BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 03 18:20:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB103961BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:36 PM