Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026342.D
Acq On : 21 Mar 2017 1:00
Operator : SJ/MA
Sample : PB97674BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97674BS

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:42 PM

Quant Time: Mar 21 05:23:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	119023	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	511333	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	311684	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	785207	20.00	ng		0.00
75) Chrysene-d12	21.64	240	876716	20.00	ng		0.00
86) Perylene-d12	24.82	264	856542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1024903	152.84	ng		0.00
7) Phenol-d6	7.21	99	1363136	151.41	ng		0.00
23) Nitrobenzene-d5	9.20	82	729827	85.82	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	572511	160.40	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1948127	87.65	ng		0.00
78) Terphenyl-d14	19.99	244	2879707	79.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	108371	36.00	ng	#	74
3) Pyridine	3.90	79	303354	36.80	ng	#	62
4) n-Nitrosodimethylamine	3.81	42	97613	43.32	ng	#	1
6) Aniline	7.37	93	287736	23.93	ng	#	88
8) 2-Chlorophenol	7.61	128	388545	51.46	ng		83
9) Benzaldehyde	7.18	77	109257	17.98	ng	#	70
10) Phenol	7.24	94	490620	51.07	ng	#	71
11) bis(2-Chloroethyl)ether	7.47	93	350746	44.52	ng	#	81
12) 1,3-Dichlorobenzene	7.94	146	406794	45.25	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	412723	45.39	ng		94
14) 1,2-Dichlorobenzene	8.40	146	392565	45.11	ng	#	92
15) Benzyl Alcohol	8.28	79	298528	50.58	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.58	45	349667	39.97	ng		80
17) 2-Methylphenol	8.49	107	334861	49.08	ng	#	81
18) Hexachloroethane	9.13	117	133258	44.82	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	260397	44.99	ng	#	70
20) 3+4-Methylphenols	8.81	107	468136	49.84	ng		85
22) Acetophenone	8.86	105	545443	46.39	ng	#	74
24) Nitrobenzene	9.25	77	377827	45.00	ng	#	74
25) Isophorone	9.77	82	748947	46.73	ng	#	89
26) 2-Nitrophenol	9.96	139	221474	50.69	ng	#	61
27) 2,4-Dimethylphenol	10.02	122	378114	52.72	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	476007	45.72	ng		98
29) 2,4-Dichlorophenol	10.50	162	393236	54.22	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	388630	47.70	ng		96
31) Naphthalene	10.90	128	1174164	45.42	ng		99
32) Benzoic acid	10.16	122	280404	50.81	ng	#	72
33) 4-Chloroaniline	11.00	127	94278	8.97	ng	#	83
34) Hexachlorobutadiene	11.18	225	217068	45.16	ng		98
35) Caprolactam	11.77	113	152327m	53.30	ng		
36) 4-Chloro-3-methylphenol	12.12	107	416220	53.65	ng	#	81
37) 2-Methylnaphthalene	12.49	142	910909	48.10	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	419490	44.73	ng		99
40) Hexachlorocyclopentadiene	12.84	237	489359	99.14	ng		95

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026342.D
Acq On : 21 Mar 2017 1:00
Operator : SJ/MA
Sample : PB97674BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:42 PM

Quant Time: Mar 21 05:23:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	324757	52.89	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	340603	50.18	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1178931	45.67	ng		97
46) 2-Chloronaphthalene	13.53	162	881727	46.77	ng		98
47) 2-Nitroaniline	13.73	65	256694	47.88	ng	#	56
48) Acenaphthylene	14.38	152	1494433	45.47	ng		99
49) Dimethylphthalate	14.10	163	1179689	50.15	ng		99
50) 2,6-Dinitrotoluene	14.23	165	279469	50.90	ng	#	57
51) Acenaphthene	14.72	154	940197	46.46	ng		100
52) 3-Nitroaniline	14.55	138	110443	18.27	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	352730	110.74	ng	#	79
54) Dibenzofuran	15.05	168	1451354	50.93	ng		90
55) 4-Nitrophenol	14.87	139	545057	110.10	ng	#	40
56) 2,4-Dinitrotoluene	15.02	165	410340	53.14	ng	#	68
57) Fluorene	15.70	166	1203206	47.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	333682	56.37	ng	#	98
59) Diethylphthalate	15.46	149	1217873	50.65	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	585613	48.73	ng		90
61) 4-Nitroaniline	15.71	138	315134	49.28	ng	#	52
62) Azobenzene	15.98	77	1018020	52.07	ng		79
64) 4,6-Dinitro-2-methylphenol	15.78	198	254409	51.39	ng		85
65) n-Nitrosodiphenylamine	15.90	169	1082328	46.97	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	391180	48.40	ng		97
67) Hexachlorobenzene	16.70	284	409772	47.53	ng		93
68) Atrazine	16.84	200	402527	46.14	ng		98
69) Pentachlorophenol	17.04	266	542577	96.80	ng		96
70) Phenanthrene	17.43	178	1942375	46.07	ng		98
71) Anthracene	17.52	178	2007495	46.66	ng		99
72) Carbazole	17.78	167	1946251	43.94	ng		97
73) Di-n-butylphthalate	18.33	149	2203131	48.41	ng	#	95
74) Fluoranthene	19.43	202	2322570	46.84	ng		96
76) Benzidine	19.60	184	638832	21.13	ng		98
77) Pyrene	19.79	202	2354833	46.39	ng		99
79) Butylbenzylphthalate	20.67	149	1007810	49.62	ng	#	84
80) Benzo(a)anthracene	21.61	228	2270859	46.03	ng		100
81) 3,3'-Dichlorobenzidine	21.53	252	526927	26.09	ng	#	98
82) Chrysene	21.68	228	2087271	44.28	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1467208	47.82	ng		97
84) Di-n-octyl phthalate	22.71	149	2540011	48.51	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.45	276	2844355	48.87	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	2372099	46.98	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	2355558	48.11	ng	#	94
89) Benzo(a)pyrene	24.67	252	2329753	48.11	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	2351655	48.05	ng	#	93
91) Benzo(g,h,i)perylene	29.59	276	2361116	47.88	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026342.D
Acq On : 21 Mar 2017 1:00
Operator : SJ/MA
Sample : PB97674BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 21 05:23:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:42 PM