Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026367.D
Acq On : 21 Mar 2017 20:42
Operator : SJ/MA
Sample : PB97721BS
Misc : LOQ 20 PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97721BS

Manual Integrations APPROVED
mohammad
3/23/2017 3:32:03 PM

Quant Time: Mar 22 05:16:24 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	8.04	152	124776	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	519414	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	308795	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	772057	20.00	ng		0.00
75) Chrysene-d12	21.63	240	882146	20.00	ng		0.00
86) Perylene-d12	24.81	264	887089	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	999507	142.18	ng		0.00
7) Phenol-d6	7.21	99	1302164	137.97	ng		0.00
23) Nitrobenzene-d5	9.21	82	684858	79.28	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	524952	148.45	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1875859	85.19	ng		0.00
78) Terphenyl-d14	19.98	244	2703887	74.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	118158	37.45	ng	#	70
3) Pyridine	3.90	79	323607	37.45	ng	#	59
4) n-Nitrosodimethylamine	3.81	42	92473	39.15	ng	#	1
6) Aniline	7.37	93	230933	18.32	ng	#	86
8) 2-Chlorophenol	7.61	128	376275	47.53	ng	#	79
9) Benzaldehyde	7.18	77	113474	17.81	ng	#	69
10) Phenol	7.24	94	463363	46.01	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	336305	40.72	ng	#	81
12) 1,3-Dichlorobenzene	7.94	146	404393	42.91	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	412262m	43.25	ng		
14) 1,2-Dichlorobenzene	8.40	146	391374	42.90	ng	#	91
15) Benzyl Alcohol	8.28	79	279683	45.20	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320015	34.89	ng		80
17) 2-Methylphenol	8.48	107	320215	44.77	ng	#	81
18) Hexachloroethane	9.13	117	128130	41.10	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	238629	39.33	ng	#	70
20) 3+4-Methylphenols	8.81	107	438005	44.48	ng		86
22) Acetophenone	8.86	105	514011	43.03	ng	#	73
24) Nitrobenzene	9.25	77	350299	41.07	ng	#	72
25) Isophorone	9.76	82	681134	41.84	ng	#	89
26) 2-Nitrophenol	9.96	139	210261	47.38	ng	#	63
27) 2,4-Dimethylphenol	10.01	122	361486	49.62	ng		87
28) bis(2-Chloroethoxy)methane	10.25	93	451337	42.67	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	375425	50.96	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	382432	46.21	ng		98
31) Naphthalene	10.90	128	1129735	43.02	ng		100
32) Benzoic acid	10.15	122	258961	46.20	ng	#	75
33) 4-Chloroaniline	11.00	127	96154	9.00	ng	#	84
34) Hexachlorobutadiene	11.18	225	218932	44.84	ng		98
35) Caprolactam	11.76	113	133435m	45.97	ng		
36) 4-Chloro-3-methylphenol	12.11	107	370217	46.98	ng	#	75
37) 2-Methylnaphthalene	12.49	142	866061	45.02	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	404157	43.50	ng		98
40) Hexachlorocyclopentadiene	12.84	237	471960	96.51	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026367.D
Acq On : 21 Mar 2017 20:42
Operator : SJ/MA
Sample : PB97721BS
Misc : LOQ 20 PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97721BS

Manual Integrations APPROVED
mohammad
3/23/2017 3:32:03 PM

Quant Time: Mar 22 05:16:24 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	13.10	196	299179	49.18	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	317130	47.16	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1114513	43.58	ng		97
46) 2-Chloronaphthalene	13.54	162	830805	44.48	ng		97
47) 2-Nitroaniline	13.73	65	215965	40.66	ng	#	55
48) Acenaphthylene	14.38	152	1378238	42.33	ng		99
49) Dimethylphthalate	14.11	163	1064613	45.68	ng		98
50) 2,6-Dinitrotoluene	14.22	165	254352	46.76	ng	#	58
51) Acenaphthene	14.72	154	877854	43.78	ng		98
52) 3-Nitroaniline	14.55	138	89463	14.94	ng	#	69
53) 2,4-Dinitrophenol	14.76	184	279399	88.54	ng	#	77
54) Dibenzofuran	15.05	168	1335905	47.32	ng	#	89
55) 4-Nitrophenol	14.86	139	469432	95.71	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	363512	47.51	ng	#	68
57) Fluorene	15.69	166	1097396	43.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	299309	51.04	ng	#	97
59) Diethylphthalate	15.46	149	1082353	45.43	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	538281	45.21	ng		91
61) 4-Nitroaniline	15.71	138	270669	42.72	ng	#	49
62) Azobenzene	15.97	77	890726	45.99	ng		79
64) 4,6-Dinitro-2-methylphenol	15.77	198	221944	45.60	ng		84
65) n-Nitrosodiphenylamine	15.90	169	985134	43.48	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	359129	45.19	ng		93
67) Hexachlorobenzene	16.70	284	377163	44.49	ng	#	89
68) Atrazine	16.84	200	359078	41.86	ng		97
69) Pentachlorophenol	17.04	266	481348	87.34	ng		96
70) Phenanthrene	17.43	178	1751648	42.25	ng		97
71) Anthracene	17.52	178	1814448	42.89	ng		99
72) Carbazole	17.78	167	1729078	39.70	ng		97
73) Di-n-butylphthalate	18.34	149	1953931	43.67	ng	#	93
74) Fluoranthene	19.43	202	2107528	43.23	ng		96
76) Benzidine	19.60	184	470332	15.46	ng		97
77) Pyrene	19.79	202	2168920	42.46	ng		99
79) Butylbenzylphthalate	20.66	149	908080	44.43	ng	#	85
80) Benzo(a)anthracene	21.62	228	2115297	42.61	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	347866	17.12	ng	#	97
82) Chrysene	21.68	228	1949313	41.10	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1333195	43.19	ng		98
84) Di-n-octyl phthalate	22.70	149	2291297	43.49	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.45	276	2694242	46.01	ng	#	88
87) Benzo(b)fluoranthene	23.81	252	2238277	42.80	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	2229332	43.96	ng	#	95
89) Benzo(a)pyrene	24.66	252	2184606	43.56	ng	#	94
90) Dibenzo(a,h)anthracene	28.50	278	2222188	43.84	ng	#	94
91) Benzo(g,h,i)perylene	29.58	276	2235718	43.77	ng	#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026367.D
Acq On : 21 Mar 2017 20:42
Operator : SJ/MA
Sample : PB97721BS
Misc : LOQ 20 PPB
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 22 05:16:24 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 :
PB97721BS

Manual Integrations APPROVED
mohammad
3/23/2017 3:32:03 PM