Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
Data File : BG022636.D
Acq On : 27 Jun 2016 10:22
Operator : UM/SJ
Sample : PB91309BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91309BS

Manual Integrations APPROVED
umangi
6/27/2016 3:47:34 PM

Quant Time: Jun 27 15:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	124631	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	516050	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	380427	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1013829	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1262062	20.00	ng		0.00
86) Perylene-d12	25.21	264	1219830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	834078	107.34	ng		0.00
7) Phenol-d6	7.31	99	1243002	113.49	ng		0.00
23) Nitrobenzene-d5	9.33	82	857445	70.32	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	697318	116.54	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1678596	69.98	ng		0.00
78) Terphenyl-d14	20.16	244	2907967	61.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	86765	27.55	ng	#	91
3) Pyridine	3.98	79	252536	28.67	ng		94
4) n-Nitrosodimethylamine	3.90	42	144908	28.76	ng		92
6) Aniline	7.49	93	314993	21.69	ng		94
8) 2-Chlorophenol	7.73	128	280880	34.90	ng		95
9) Benzaldehyde	7.34	77	9915m	2.57	ng		
10) Phenol	7.34	94	427976	36.97	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	298624	31.34	ng		98
12) 1,3-Dichlorobenzene	8.05	146	310099	31.66	ng		94
13) 1,4-Dichlorobenzene	8.20	146	310981	31.67	ng		97
14) 1,2-Dichlorobenzene	8.52	146	305448	32.71	ng		93
15) Benzyl Alcohol	8.40	79	373432	36.85	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	339526	32.22	ng		92
17) 2-Methylphenol	8.60	107	269663	35.34	ng		97
18) Hexachloroethane	9.25	117	131918	32.46	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	299682	32.86	ng		99
20) 3+4-Methylphenols	8.92	107	376743	35.84	ng		94
22) Acetophenone	8.99	105	505811	33.90	ng	#	92
24) Nitrobenzene	9.38	77	452457	33.58	ng		94
25) Isophorone	9.90	82	763687	32.27	ng	#	94
26) 2-Nitrophenol	10.09	139	175914	36.24	ng	#	86
27) 2,4-Dimethylphenol	10.14	122	310657	33.49	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	421810	32.64	ng		96
29) 2,4-Dichlorophenol	10.63	162	338726	37.49	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	359759	33.53	ng		98
31) Naphthalene	11.04	128	870808	33.57	ng		100
32) Benzoic acid	10.26	122	237307m	40.09	ng		
33) 4-Chloroaniline	11.15	127	146354	13.10	ng	#	90
34) Hexachlorobutadiene	11.32	225	275741	33.07	ng		94
35) Caprolactam	11.92	113	118098m	41.49	ng		
36) 4-Chloro-3-methylphenol	12.25	107	412306	37.17	ng		96
37) 2-Methylnaphthalene	12.63	142	686668	34.13	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	464642	32.35	ng		98
40) Hexachlorocyclopentadiene	12.97	237	586778	51.18	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
Data File : BG022636.D
Acq On : 27 Jun 2016 10:22
Operator : UM/SJ
Sample : PB91309BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Manual Integrations
APPROVED
umangi
6/27/2016 3:47:34 PM

Quant Time: Jun 27 15:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	322356	35.00	ng		94
43) 2,4,5-Trichlorophenol	13.30	196	352321	36.56	ng		91
45) 1,1'-Biphenyl	13.63	154	937632	32.35	ng		99
46) 2-Chloronaphthalene	13.68	162	776731	32.57	ng		96
47) 2-Nitroaniline	13.88	65	319640	34.73	ng		95
48) Acenaphthylene	14.52	152	1148511	33.21	ng		98
49) Dimethylphthalate	14.25	163	1057150	33.50	ng		99
50) 2,6-Dinitrotoluene	14.37	165	233835	34.10	ng		89
51) Acenaphthene	14.86	154	981610m	38.53	ng		
52) 3-Nitroaniline	14.70	138	174994	27.27	ng		91
53) 2,4-Dinitrophenol	14.90	184	311080	73.65	ng		92
54) Dibenzofuran	15.19	168	1230193	33.34	ng		98
55) 4-Nitrophenol	15.00	139	429153	79.09	ng		96
56) 2,4-Dinitrotoluene	15.15	165	366703	38.60	ng		90
57) Fluorene	15.85	166	1018215	34.58	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	361937	36.23	ng		98
59) Diethylphthalate	15.61	149	1087563	33.52	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	599025	34.17	ng		98
61) 4-Nitroaniline	15.86	138	246738	37.27	ng		88
62) Azobenzene	16.13	77	1113165	31.68	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	243966	35.88	ng		93
65) n-Nitrosodiphenylamine	16.05	169	952361	32.28	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	426752	32.45	ng		94
67) Hexachlorobenzene	16.85	284	453693	32.62	ng		98
68) Atrazine	17.00	200	349215	28.03	ng		97
69) Pentachlorophenol	17.20	266	652734	68.20	ng		98
70) Phenanthrene	17.60	178	1753790	33.92	ng		98
71) Anthracene	17.69	178	1749594	32.88	ng		99
72) Carbazole	17.96	167	1625911	36.05	ng		98
73) Di-n-butylphthalate	18.51	149	1892235	36.02	ng		98
74) Fluoranthene	19.60	202	2201294	36.96	ng		97
76) Benzidine	19.78	184	938453	69.84	ng		99
77) Pyrene	19.96	202	2224278	33.09	ng		99
79) Butylbenzylphthalate	20.84	149	972683	33.43	ng		95
80) Benzo(a)anthracene	21.83	228	2387510	34.19	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	581577	20.16	ng	#	95
82) Chrysene	21.90	228	2208418	33.65	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1311841	32.02	ng		99
84) Di-n-octyl phthalate	22.98	149	2196136	32.52	ng		98
85) Indeno(1,2,3-cd)pyrene	29.05	276	2836310	32.89	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2558857	34.89	ng		100
88) Benzo(k)fluoranthene	24.21	252	2468041	35.59	ng	#	96
89) Benzo(a)pyrene	25.05	252	2458604	34.38	ng		98
90) Dibenzo(a,h)anthracene	29.12	278	2370958	35.22	ng	#	96
91) Benzo(g,h,i)perylene	30.26	276	2339560	34.14	ng	#	96

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
Data File : BG022636.D
Acq On : 27 Jun 2016 10:22
Operator : UM/SJ
Sample : PB91309BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 27 15:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB91309BS

Manual Integrations
APPROVED
umangi
6/27/2016 3:47:34 PM