Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021097.D
Acq On : 27 Feb 2016 3:21
Operator : UM/SJ
Sample : PB88529BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88529BS

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:46 AM

Quant Time: Feb 27 05:08:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	4894	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	23486	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	15971	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	41600	20.00	ng		0.00
75) Chrysene-d12	21.78	240	48970	20.00	ng		-0.01
86) Perylene-d12	25.07	264	46299	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	44095	157.74	ng		0.00
7) Phenol-d6	7.32	99	66700	160.35	ng		-0.01
23) Nitrobenzene-d5	9.34	82	45457	92.22	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	30106	143.78	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	105784	84.76	ng		0.00
78) Terphenyl-d14	20.11	244	206605	98.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	4523	34.94	ng		94
3) Pyridine	4.01	79	13742	36.30	ng		93
4) n-Nitrosodimethylamine	3.93	42	7985	41.60	ng		88
6) Aniline	7.49	93	16090	31.27	ng		92
8) 2-Chlorophenol	7.73	128	17185	49.29	ng		93
9) Benzaldehyde	7.30	77	2894	12.84	ng		90
10) Phenol	7.34	94	22917	53.78	ng		69
11) bis(2-Chloroethyl)ether	7.59	93	14441	44.21	ng		99
12) 1,3-Dichlorobenzene	8.06	146	16343	44.04	ng	#	91
13) 1,4-Dichlorobenzene	8.20	146	17152	43.27	ng		97
14) 1,2-Dichlorobenzene	8.53	146	15856	42.25	ng		95
15) Benzyl Alcohol	8.40	79	18909	52.04	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.70	45	17695	47.25	ng		85
17) 2-Methylphenol	8.60	107	15519	51.59	ng	#	89
18) Hexachloroethane	9.26	117	6804	45.37	ng	#	81
19) n-Nitroso-di-n-propylamine	8.97	70	15543	48.44	ng		93
20) 3+4-Methylphenols	8.93	107	21915	52.55	ng		93
22) Acetophenone	8.99	105	26514	40.90	ng	#	94
24) Nitrobenzene	9.38	77	22390	43.97	ng		90
25) Isophorone	9.90	82	41314	44.72	ng	#	98
26) 2-Nitrophenol	10.09	139	9152	42.51	ng	#	60
27) 2,4-Dimethylphenol	10.14	122	18391	48.43	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	21748	48.30	ng		98
29) 2,4-Dichlorophenol	10.62	162	18250	49.09	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	17103	40.59	ng		92
31) Naphthalene	11.03	128	52371	43.41	ng		99
32) Benzoic acid	10.25	122	13546	38.84	ng		97
33) 4-Chloroaniline	11.13	127	6612	13.12	ng	#	87
34) Hexachlorobutadiene	11.31	225	11557	40.99	ng		93
35) Caprolactam	11.90	113	6627m	52.76	ng		
36) 4-Chloro-3-methylphenol	12.23	107	23502	51.57	ng		85
37) 2-Methylnaphthalene	12.62	142	40112	47.35	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	22413	37.97	ng		98
40) Hexachlorocyclopentadiene	12.96	237	33190	85.52	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021097.D
Acq On : 27 Feb 2016 3:21
Operator : UM/SJ
Sample : PB88529BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88529BS

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:46 AM

Quant Time: Feb 27 05:08:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	17413	47.05	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	18875	49.64	ng		96
45) 1,1'-Biphenyl	13.62	154	54246	40.33	ng		96
46) 2-Chloronaphthalene	13.66	162	42916	42.05	ng		99
47) 2-Nitroaniline	13.85	65	16950	51.26	ng	#	74
48) Acenaphthylene	14.50	152	71569	44.33	ng		99
49) Dimethylphthalate	14.23	163	62694	45.55	ng	#	97
50) 2,6-Dinitrotoluene	14.35	165	13813	48.78	ng	#	79
51) Acenaphthene	14.84	154	45577	41.38	ng		98
52) 3-Nitroaniline	14.68	138	6647	24.12	ng	#	74
53) 2,4-Dinitrophenol	14.88	184	19704	99.80	ng		92
54) Dibenzofuran	15.18	168	69572	49.87	ng		93
55) 4-Nitrophenol	14.97	139	25131	102.82	ng	#	60
56) 2,4-Dinitrotoluene	15.13	165	19992	49.23	ng	#	82
57) Fluorene	15.82	166	61859	45.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	18149	54.91	ng	#	94
59) Diethylphthalate	15.59	149	68930	47.51	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	32887	44.05	ng		95
61) 4-Nitroaniline	15.83	138	15671	49.95	ng	#	56
62) Azobenzene	16.10	77	69556	55.34	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	13342	43.73	ng		91
65) n-Nitrosodiphenylamine	16.02	169	56652	46.16	ng		93
66) 4-Bromophenyl-phenylether	16.70	248	21156	43.19	ng		94
67) Hexachlorobenzene	16.82	284	21929	42.44	ng	#	93
68) Atrazine	16.96	200	23360	51.37	ng		99
69) Pentachlorophenol	17.16	266	31679	90.82	ng		91
70) Phenanthrene	17.56	178	105608	47.18	ng		98
71) Anthracene	17.65	178	105151	46.65	ng		99
72) Carbazole	17.91	167	97185	49.94	ng		98
73) Di-n-butylphthalate	18.46	149	125200	48.80	ng	#	97
74) Fluoranthene	19.55	202	132690	47.25	ng		95
76) Benzidine	19.72	184	30682	23.81	ng		99
77) Pyrene	19.91	202	136094	50.19	ng		99
79) Butylbenzylphthalate	20.79	149	55862	49.36	ng	#	94
80) Benzo(a)anthracene	21.76	228	133800	47.49	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	18857	17.10	ng	#	96
82) Chrysene	21.83	228	119840	44.16	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	81143	46.43	ng	#	94
84) Di-n-octyl phthalate	22.90	149	140411	47.94	ng		94
85) Indeno(1,2,3-cd)pyrene	28.82	276	147620	45.12	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	134119	46.34	ng	#	98
88) Benzo(k)fluoranthene	24.09	252	132495	46.44	ng	#	95
89) Benzo(a)pyrene	24.91	252	128829	46.37	ng		95
90) Dibenzo(a,h)anthracene	28.90	278	125896	44.95	ng		97
91) Benzo(g,h,i)perylene	30.01	276	121412	45.01	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
Data File : BG021097.D
Acq On : 27 Feb 2016 3:21
Operator : UM/SJ
Sample : PB88529BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 27 05:08:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB88529BS

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:46 AM