Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
Data File : BG024077.D
Acq On : 22 Sep 2016 21:00
Operator : UM/SJ
Sample : PB93511BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93511BS

Manual Integrations APPROVED
sohil
9/23/2016 8:40:39 AM

Quant Time: Sep 23 01:58:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54952	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	247024	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	189587	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	389120	20.00	ng		0.00
75) Chrysene-d12	21.80	240	402714	20.00	ng		0.00
86) Perylene-d12	25.14	264	356369	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	267372	85.42	ng		0.00
7) Phenol-d6	7.22	99	414109	85.95	ng		0.00
23) Nitrobenzene-d5	9.23	82	480563	86.85	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	207615	60.78	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	936307	70.81	ng		0.00
78) Terphenyl-d14	20.10	244	1426611	80.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	33462	25.92	ng		93
3) Pyridine	3.86	79	122199	31.50	ng		97
4) n-Nitrosodimethylamine	3.77	42	72285	35.35	ng	#	96
6) Aniline	7.37	93	198621	31.06	ng	#	94
8) 2-Chlorophenol	7.61	128	149615	41.26	ng		95
9) Benzaldehyde	7.18	77	18499	5.40	ng		92
10) Phenol	7.25	94	220996	43.60	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	157813	39.57	ng		91
12) 1,3-Dichlorobenzene	7.93	146	164811	38.83	ng		100
13) 1,4-Dichlorobenzene	8.08	146	169302	37.65	ng		94
14) 1,2-Dichlorobenzene	8.40	146	161830	38.35	ng		96
15) Benzyl Alcohol	8.30	79	193037	45.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	208297	38.97	ng		94
17) 2-Methylphenol	8.51	107	145346	42.56	ng		97
18) Hexachloroethane	9.13	117	71165	41.11	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	168163	39.51	ng	#	96
20) 3+4-Methylphenols	8.84	107	204741	43.02	ng		96
22) Acetophenone	8.88	105	241535	37.77	ng	#	96
24) Nitrobenzene	9.27	77	257619	43.30	ng		97
25) Isophorone	9.79	82	452064	42.13	ng		98
26) 2-Nitrophenol	9.99	139	95697	42.31	ng		94
27) 2,4-Dimethylphenol	10.05	122	155995	40.58	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	237325	43.80	ng		99
29) 2,4-Dichlorophenol	10.54	162	178894	43.92	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	187421	41.96	ng		98
31) Naphthalene	10.93	128	494933	38.88	ng		99
32) Benzoic acid	10.22	122	77555	24.84	ng		96
33) 4-Chloroaniline	11.06	127	139357	26.22	ng		95
34) Hexachlorobutadiene	11.20	225	146877	43.78	ng		94
35) Caprolactam	11.85	113	61720m	43.00	ng		
36) 4-Chloro-3-methylphenol	12.19	107	226594	41.64	ng		99
37) 2-Methylnaphthalene	12.54	142	384633	39.72	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	222988	35.44	ng		98
40) Hexachlorocyclopentadiene	12.88	237	98801	30.83	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
Data File : BG024077.D
Acq On : 22 Sep 2016 21:00
Operator : UM/SJ
Sample : PB93511BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93511BS

Manual Integrations APPROVED
sohil
9/23/2016 8:40:39 AM

Quant Time: Sep 23 01:58:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	163946	39.04	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	166189	39.15	ng		94
45) 1,1'-Biphenyl	13.55	154	463169	30.37	ng		96
46) 2-Chloronaphthalene	13.60	162	412917	36.88	ng		98
47) 2-Nitroaniline	13.82	65	189375	42.94	ng		99
48) Acenaphthylene	14.45	152	648070	34.73	ng		99
49) Dimethylphthalate	14.17	163	569368	35.02	ng		100
50) 2,6-Dinitrotoluene	14.31	165	127731	37.22	ng		95
51) Acenaphthene	14.79	154	404295	35.04	ng		93
52) 3-Nitroaniline	14.65	138	104913	32.68	ng		89
53) 2,4-Dinitrophenol	14.87	184	102033	43.87	ng	#	89
54) Dibenzofuran	15.12	168	661189	36.72	ng		96
55) 4-Nitrophenol	14.99	139	164974	64.60	ng		92
56) 2,4-Dinitrotoluene	15.10	165	183477	36.37	ng		91
57) Fluorene	15.78	166	538670	34.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	164009	38.06	ng		94
59) Diethylphthalate	15.53	149	594268	34.24	ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	289235	34.41	ng		97
61) 4-Nitroaniline	15.82	138	107820	33.23	ng		98
62) Azobenzene	16.06	77	674933	40.15	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	83919	31.06	ng		90
65) n-Nitrosodiphenylamine	15.99	169	481479	43.56	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	209249	44.20	ng		94
67) Hexachlorobenzene	16.79	284	216989	39.08	ng		96
68) Atrazine	16.94	200	205093	43.13	ng		99
69) Pentachlorophenol	17.15	266	204699	69.41	ng		100
70) Phenanthrene	17.53	178	878669	43.41	ng		97
71) Anthracene	17.62	178	887192	42.97	ng		97
72) Carbazole	17.91	167	773020	41.26	ng		98
73) Di-n-butylphthalate	18.44	149	976931	43.70	ng		97
74) Fluoranthene	19.55	202	1010751	41.47	ng		95
76) Benzidine	19.73	184	471561	37.81	ng		99
77) Pyrene	19.92	202	1014137	40.95	ng		95
79) Butylbenzylphthalate	20.79	149	423559	44.36	ng		98
80) Benzo(a)anthracene	21.78	228	996354	44.20	ng		94
81) 3,3'-Dichlorobenzidine	21.69	252	277866	30.84	ng		97
82) Chrysene	21.85	228	929355	43.31	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	577688	44.19	ng		96
84) Di-n-octyl phthalate	22.90	149	988714	46.11	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	724817	30.51	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	888480m	43.89	ng		
88) Benzo(k)fluoranthene	24.15	252	957011	47.68	ng	#	97
89) Benzo(a)pyrene	25.00	252	890610	46.33	ng		96
90) Dibenzo(a,h)anthracene	29.06	278	637844	33.74	ng		99
91) Benzo(g,h,i)perylene	30.21	276	526776	28.97	ng		94

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
Data File : BG024077.D
Acq On : 22 Sep 2016 21:00
Operator : UM/SJ
Sample : PB93511BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 01:58:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB93511BS

Manual Integrations APPROVED
sohil
9/23/2016 8:40:39 AM