Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033929.D
Acq On : 23 Apr 2018 20:22
Operator : SJ/JU
Sample : PB108464BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108464BS

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:32 PM

Quant Time: Apr 24 04:11:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	62369	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	294254	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	201168	20.00	ng		-0.02
63) Phenanthrene-d10	17.22	188	513348	20.00	ng		0.00
75) Chrysene-d12	21.47	240	528218	20.00	ng		-0.02
86) Perylene-d12	24.53	264	545059	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	387355	99.16	ng		0.00
7) Phenol-d6	7.00	99	530319	93.07	ng		0.00
23) Nitrobenzene-d5	8.98	82	477649	92.38	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	241261	102.80	ng		-0.02
44) 2-Fluorobiphenyl	13.09	172	1205243	88.01	ng		-0.02
78) Terphenyl-d14	19.85	244	2028539	86.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	60657	36.746	ng		89
3) Pyridine	3.80	79	175298	36.703	ng		95
4) n-Nitrosodimethylamine	3.71	42	92560	42.538	ng	#	91
6) Aniline	7.16	93	176170	23.130	ng		97
8) 2-Chlorophenol	7.40	128	203590	46.511	ng		96
9) Benzaldehyde	6.97	77	106519	33.956	ng		99
10) Phenol	7.03	94	270968	46.422	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	183436	41.089	ng		95
12) 1,3-Dichlorobenzene	7.72	146	205135	40.710	ng		96
13) 1,4-Dichlorobenzene	7.87	146	205320	40.230	ng		97
14) 1,2-Dichlorobenzene	8.18	146	198429	39.980	ng		96
15) Benzyl Alcohol	8.07	79	204419	41.143	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	327937	37.662	ng		95
17) 2-Methylphenol	8.27	107	186377	43.087	ng		93
18) Hexachloroethane	8.90	117	74723	40.066	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	174747	35.979	ng	#	94
20) 3+4-Methylphenols	8.59	107	261288	41.572	ng		98
22) Acetophenone	8.64	105	303504	37.897	ng	#	97
24) Nitrobenzene	9.02	77	240338	42.656	ng		97
25) Isophorone	9.55	82	458744	39.462	ng	#	95
26) 2-Nitrophenol	9.73	139	112901	50.713	ng		94
27) 2,4-Dimethylphenol	9.79	122	217248	52.171	ng		95
28) bis(2-Chloroethoxy)methane	10.03	93	274495	44.679	ng		97
29) 2,4-Dichlorophenol	10.26	162	230628	49.683	ng		94
30) 1,2,4-Trichlorobenzene	10.48	180	211599	40.698	ng		97
31) Naphthalene	10.66	128	618541	40.877	ng		98
32) Benzoic acid	9.92	122	145764m	36.485	ng		
33) 4-Chloroaniline	10.77	127	117136	16.469	ng		98
34) Hexachlorobutadiene	10.95	225	120595	38.773	ng		95
35) Caprolactam	11.55	113	91998m	46.614	ng		
36) 4-Chloro-3-methylphenol	11.90	107	258076	45.551	ng		90
37) 2-Methylnaphthalene	12.27	142	480480	41.474	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	274465	41.088	ng		97
40) Hexachlorocyclopentadiene	12.63	237	323189	87.992	ng		91

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033929.D
Acq On : 23 Apr 2018 20:22
Operator : SJ/JU
Sample : PB108464BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108464BS

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:32 PM

Quant Time: Apr 24 04:11:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	199117	48.889	ng		96
43) 2,4,5-Trichlorophenol	12.96	196	222461	47.511	ng		98
45) 1,1'-Biphenyl	13.30	154	657257	40.361	ng		98
46) 2-Chloronaphthalene	13.33	162	499289	40.436	ng		99
47) 2-Nitroaniline	13.53	65	179451	46.547	ng		94
48) Acenaphthylene	14.18	152	821273	40.014	ng		99
49) Dimethylphthalate	13.93	163	707923	40.005	ng		99
50) 2,6-Dinitrotoluene	14.04	165	159078	47.436	ng		91
51) Acenaphthene	14.53	154	507810	39.385	ng		97
52) 3-Nitroaniline	14.37	138	82669	22.702	ng	#	84
53) 2,4-Dinitrophenol	14.57	184	128108	106.819	ng	#	59
54) Dibenzofuran	14.87	168	804008	42.061	ng		95
55) 4-Nitrophenol	14.68	139	300856	105.345	ng		89
56) 2,4-Dinitrotoluene	14.83	165	227704	51.061	ng	#	83
57) Fluorene	15.52	166	683078	41.295	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	219102	51.107	ng		98
59) Diethylphthalate	15.30	149	736915	39.398	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	364109	42.084	ng		97
61) 4-Nitroaniline	15.54	138	179823	46.511	ng		90
62) Azobenzene	15.81	77	664415	39.849	ng		100
64) 4,6-Dinitro-2-methylphenol	15.59	198	104278	42.971	ng		92
65) n-Nitrosodiphenylamine	15.73	169	611411	40.967	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	235752	41.818	ng		95
67) Hexachlorobenzene	16.52	284	244402	40.651	ng		99
68) Atrazine	16.69	200	264454	45.230	ng		99
69) Pentachlorophenol	16.86	266	328158	79.461	ng	#	56
70) Phenanthrene	17.26	178	1130077	41.035	ng		97
71) Anthracene	17.34	178	1155705	41.964	ng		97
72) Carbazole	17.62	167	1080636	40.673	ng		96
73) Di-n-butylphthalate	18.20	149	1315475	39.799	ng		99
74) Fluoranthene	19.28	202	1395219	41.883	ng		96
76) Benzidine	19.46	184	543878	38.130	ng		99
77) Pyrene	19.64	202	1399017	40.381	ng		95
79) Butylbenzylphthalate	20.55	149	614967	40.419	ng		93
80) Benzo(a)anthracene	21.45	228	1402232	42.099	ng		98
81) 3,3'-Dichlorobenzidine	21.38	252	329612	26.540	ng		99
82) Chrysene	21.52	228	1304787	41.022	ng		96
83) Bis(2-ethylhexyl)phthalate	21.40	149	862859	40.157	ng		97
84) Di-n-octyl phthalate	22.57	149	1481814	43.448	ng		100
85) Indeno(1,2,3-cd)pyrene	27.99	276	1623647	44.845	ng	#	94
87) Benzo(b)fluoranthene	23.57	252	1426648	42.905	ng		98
88) Benzo(k)fluoranthene	23.63	252	1391049	42.115	ng		97
89) Benzo(a)pyrene	24.39	252	1385375	43.503	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1346961	43.712	ng		98
91) Benzo(g,h,i)perylene	29.07	276	1346842	44.420	ng		96

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033929.D
Acq On : 23 Apr 2018 20:22
Operator : SJ/JU
Sample : PB108464BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 24 04:11:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB108464BS

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:32 PM