Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029340.D
Acq On : 18 Oct 2017 20:32
Operator : SJ/JU
Sample : I5834-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Manual Integrations APPROVED
Sohil
10/19/2017 5:15:47 PM

Quant Time: Oct 19 00:26:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63557	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	291400	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	196581	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	486442	20.00	ng		0.00
75) Chrysene-d12	21.80	240	515741	20.00	ng		0.00
86) Perylene-d12	25.10	264	532161	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	515004	135.37	ng		0.00
7) Phenol-d6	7.32	99	702068	131.47	ng		0.00
23) Nitrobenzene-d5	9.33	82	404447	88.20	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	360555	142.06	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	990353	73.89	ng		0.00
78) Terphenyl-d14	20.12	244	1593292	70.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	51356	33.269	ng		86
3) Pyridine	3.98	79	148683	33.076	ng		91
4) n-Nitrosodimethylamine	3.90	42	79625	37.894	ng	#	91
6) Aniline	7.49	93	167400	25.314	ng		95
8) 2-Chlorophenol	7.73	128	166926	38.278	ng		95
9) Benzaldehyde	7.30	77	48585	18.088	ng		88
10) Phenol	7.35	94	267030	46.381	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	158081	37.686	ng		93
12) 1,3-Dichlorobenzene	8.06	146	173926	35.524	ng		96
13) 1,4-Dichlorobenzene	8.21	146	174178	34.845	ng		93
14) 1,2-Dichlorobenzene	8.53	146	165896	34.408	ng		96
15) Benzyl Alcohol	8.40	79	156791	41.663	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	264101	37.074	ng		95
17) 2-Methylphenol	8.61	107	154952	40.515	ng		97
18) Hexachloroethane	9.26	117	59849	35.134	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	135951	37.441	ng	#	95
20) 3+4-Methylphenols	8.93	107	215460	39.982	ng		94
22) Acetophenone	8.99	105	250651	35.692	ng	#	95
24) Nitrobenzene	9.37	77	189918	36.835	ng		92
25) Isophorone	9.90	82	379544	39.648	ng	#	94
26) 2-Nitrophenol	10.09	139	99872	40.529	ng		91
27) 2,4-Dimethylphenol	10.14	122	183358	41.126	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	230701	39.302	ng		97
29) 2,4-Dichlorophenol	10.63	162	189474	39.853	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	180351	35.113	ng		100
31) Naphthalene	11.04	128	517629	35.643	ng		99
32) Benzoic acid	10.14	122	183358	49.117	ng	#	8
33) 4-Chloroaniline	11.14	127	147216	24.098	ng		95
34) Hexachlorobutadiene	11.32	225	109342	34.239	ng		96
35) Caprolactam	11.90	113	75203m	47.595	ng		
36) 4-Chloro-3-methylphenol	12.25	107	207599	39.701	ng		90
37) 2-Methylnaphthalene	12.63	142	397805	37.584	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	215209	29.985	ng		97
40) Hexachlorocyclopentadiene	12.97	237	269703	98.078	ng		94

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029340.D
Acq On : 18 Oct 2017 20:32
Operator : SJ/JU
Sample : I5834-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Manual Integrations APPROVED
Sohil
10/19/2017 5:15:47 PM

Quant Time: Oct 19 00:26:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	169251	37.565	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	186714	40.352	ng		97
45) 1,1'-Biphenyl	13.62	154	544755	32.240	ng		98
46) 2-Chloronaphthalene	13.67	162	417537	33.878	ng		98
47) 2-Nitroaniline	13.86	65	144240	42.608	ng		91
48) Acenaphthylene	14.51	152	672713	34.876	ng		99
49) Dimethylphthalate	14.23	163	791625	51.613	ng		99
50) 2,6-Dinitrotoluene	14.35	165	131102	40.775	ng	#	83
51) Acenaphthene	14.85	154	423582	33.752	ng		98
52) 3-Nitroaniline	14.68	138	103416	29.807	ng	#	84
53) 2,4-Dinitrophenol	14.89	184	27784	21.023	ng	#	58
54) Dibenzofuran	15.18	168	674414	37.643	ng		99
55) 4-Nitrophenol	14.99	139	238439	83.360	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	187239	43.018	ng	#	82
57) Fluorene	15.83	166	540285	36.505	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	183134	47.439	ng		95
59) Diethylphthalate	15.59	149	601400	39.344	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	294213	37.284	ng		96
61) 4-Nitroaniline	15.84	138	153913	43.202	ng		88
62) Azobenzene	16.11	77	533502	41.389	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	93884	35.404	ng		89
65) n-Nitrosodiphenylamine	16.03	169	514462	35.305	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	201160	36.038	ng		98
67) Hexachlorobenzene	16.83	284	211041	33.378	ng		96
68) Atrazine	16.97	200	212790	40.926	ng		98
69) Pentachlorophenol	17.17	266	283270	77.991	ng		99
70) Phenanthrene	17.57	178	911967	36.290	ng		99
71) Anthracene	17.66	178	922256	36.549	ng		99
72) Carbazole	17.92	167	889804	36.709	ng		99
73) Di-n-butylphthalate	18.47	149	1024582	36.752	ng		99
74) Fluoranthene	19.56	202	1106614	37.650	ng		97
76) Benzidine	19.73	184	483470	31.047	ng		99
77) Pyrene	19.92	202	1126558	36.009	ng		96
79) Butylbenzylphthalate	20.79	149	485118	36.396	ng		91
80) Benzo(a)anthracene	21.78	228	1104637	36.480	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	303823	24.309	ng		98
82) Chrysene	21.84	228	1040131	35.868	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	683343	35.723	ng		98
84) Di-n-octyl phthalate	22.91	149	1176417	35.287	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1331963	37.335	ng		95
87) Benzo(b)fluoranthene	24.05	252	1149275	37.723	ng		100
88) Benzo(k)fluoranthene	24.12	252	1098961	36.207	ng		99
89) Benzo(a)pyrene	24.95	252	1105792	37.754	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	1118662	37.726	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1103011	40.035	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029340.D
Acq On : 18 Oct 2017 20:32
Operator : SJ/JU
Sample : I5834-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 19 00:26:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ENV-115-4(15-20)MS

Manual Integrations APPROVED
Sohil
10/19/2017 5:15:47 PM