Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045596.D
Acq On : 4 Jun 2020 3:44
Operator : CG/JU
Sample : PB129278BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:41 PM

Quant Time: Jun 04 05:56:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57883	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	225736	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	158251	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	398526	20.00	ng	0.00
76) Chrysene-d12	21.61	240	386943	20.00	ng	0.00
87) Perylene-d12	24.75	264	422352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	453653	153.17	ng	0.00
7) Phenol-d6	7.15	99	628840	149.17	ng	0.00
23) Nitrobenzene-d5	9.11	82	404553	97.73	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	309683	153.02	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	918659	98.47	ng	0.00
79) Terphenyl-d14	19.96	244	1693768	102.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	57170	38.925	ng	94
3) Pyridine	3.80	79	133832	32.717	ng	95
4) n-Nitrosodimethylamine	3.72	42	63789	47.656	ng	90
6) Aniline	7.28	93	200053	36.353	ng	97
8) 2-Chlorophenol	7.53	128	165517	50.959	ng	99
9) Benzaldehyde	7.08	77	104961	38.216	ng	97
10) Phenol	7.18	94	220561	50.765	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	157109	46.360	ng	99
12) 1,3-Dichlorobenzene	7.84	146	179019	45.865	ng	99
13) 1,4-Dichlorobenzene	7.99	146	184154	47.808	ng	98
14) 1,2-Dichlorobenzene	8.30	146	171653	46.333	ng	97
15) Benzyl Alcohol	8.20	79	170709	49.020	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	142570	44.320	ng	99
17) 2-Methylphenol	8.42	107	149753	46.050	ng	98
18) Hexachloroethane	9.04	117	70863	48.034	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	136162	46.709	ng	98
20) 3+4-Methylphenols	8.75	107	203583	45.972	ng	92
22) Acetophenone	8.77	105	253533	47.388	ng	99
24) Nitrobenzene	9.16	77	210726	47.513	ng	98
25) Isophorone	9.68	82	378586	46.439	ng	98
26) 2-Nitrophenol	9.87	139	94852	49.994	ng	91
27) 2,4-Dimethylphenol	9.95	122	154051	54.746	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	207715	48.584	ng	99
29) 2,4-Dichlorophenol	10.42	162	171512	51.615	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	189578	48.282	ng	95
31) Naphthalene	10.81	128	508796	48.369	ng	99
32) Benzoic acid	10.12	122	95350	49.442	ng	93
33) 4-Chloroaniline	10.92	127	138379	31.471	ng	97
34) Hexachlorobutadiene	11.10	225	128511	46.301	ng	100
35) Caprolactam	11.69	113	60837m	49.879	ng	
36) 4-Chloro-3-methylphenol	12.07	107	195037	52.088	ng	95
37) 2-Methylnaphthalene	12.42	142	385715	49.196	ng	99
38) 1-Methylnaphthalene	12.64	142	369189m	49.849	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	224104	50.700	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045596.D
Acq On : 4 Jun 2020 3:44
Operator : CG/JU
Sample : PB129278BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:41 PM

Quant Time: Jun 04 05:56:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	246818	96.744 ng	99
43) 2,4,6-Trichlorophenol	13.04	196	152419	49.639 ng	96
44) 2,4,5-Trichlorophenol	13.12	196	162587	46.337 ng	98
46) 1,1'-Biphenyl	13.43	154	493607	50.763 ng	100
47) 2-Chloronaphthalene	13.47	162	374965	47.487 ng	100
48) 2-Nitroaniline	13.67	65	122982	47.349 ng	91
49) Acenaphthylene	14.32	152	640223	50.478 ng	99
50) Dimethylphthalate	14.05	163	512978	47.253 ng	99
51) 2,6-Dinitrotoluene	14.17	165	117262	47.869 ng	99
52) Acenaphthene	14.66	154	458820m	54.044 ng	
53) 3-Nitroaniline	14.51	138	88793	35.657 ng	98
54) 2,4-Dinitrophenol	14.71	184	124010	77.466 ng	99
55) Dibenzofuran	14.99	168	617641	48.990 ng	97
56) 4-Nitrophenol	14.85	139	187440	99.422 ng	94
57) 2,4-Dinitrotoluene	14.96	165	174635	49.224 ng	99
58) Fluorene	15.65	166	513950	49.620 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	156263	50.620 ng	98
60) Diethylphthalate	15.42	149	543748	48.123 ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	283229	47.786 ng	99
62) 4-Nitroaniline	15.67	138	125722	48.361 ng	99
63) Azobenzene	15.93	77	526331	49.956 ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	105250	45.347 ng	97
66) n-Nitrosodiphenylamine	15.86	169	463846	48.476 ng	97
67) 4-Bromophenyl-phenylether	16.53	248	200441	46.448 ng	98
68) Hexachlorobenzene	16.66	284	221137	48.994 ng	96
69) Atrazine	16.80	200	182749	46.369 ng	98
70) Pentachlorophenol	17.01	266	230444	98.329 ng	98
71) Phenanthrene	17.39	178	867985	49.890 ng	100
72) Anthracene	17.48	178	887447	50.794 ng	98
73) Carbazole	17.75	167	829624	48.714 ng	99
74) Di-n-butylphthalate	18.31	149	990778	48.470 ng	99
75) Fluoranthene	19.40	202	1111414	50.224 ng	100
77) Benzidine	19.58	184	518745	47.734 ng	98
78) Pyrene	19.76	202	1101699	49.947 ng	99
80) Butylbenzylphthalate	20.65	149	451306	47.403 ng	98
81) Benzo(a)anthracene	21.59	228	1080463	50.125 ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	322613	38.155 ng	99
83) Chrysene	21.65	228	1029599	49.676 ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	638275	48.770 ng	98
85) Di-n-octyl phthalate	22.68	149	1077411	47.932 ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1331069	49.111 ng	98
88) Benzo(b)fluoranthene	23.76	252	1144751	50.538 ng	99
89) Benzo(k)fluoranthene	23.82	252	1089958	51.219 ng	99
90) Benzo(a)pyrene	24.61	252	1044558	49.515 ng	98
91) Dibenzo(a,h)anthracene	28.39	278	1083722	51.121 ng	99
92) Benzo(g,h,i)perylene	29.45	276	1100001	51.882 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045596.D
Acq On : 4 Jun 2020 3:44
Operator : CG/JU
Sample : PB129278BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 04 05:56:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129278BS

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:41 PM