Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
Data File : BG038290.D
Acq On : 1 Dec 2018 16:46
Operator : JU/SJ
Sample : PB115166BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Manual Integrations APPROVED
mohammad
12/3/2018 5:13:22 PM

Quant Time: Dec 03 06:52:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	25860	20.00	ng		-0.01
21) Naphthalene-d8	10.90	136	112611	20.00	ng		-0.01
39) Acenaphthene-d10	14.71	164	71610	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	180067	20.00	ng		0.00
76) Chrysene-d12	21.75	240	176730	20.00	ng		0.00
87) Perylene-d12	25.06	264	188007	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	189477	126.51	ng		-0.01
7) Phenol-d6	7.22	99	259742	121.49	ng		0.00
23) Nitrobenzene-d5	9.25	82	165254	78.55	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	107744	131.93	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	377915	76.88	ng		-0.01
79) Terphenyl-d14	20.06	244	668390	88.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	26182	37.009	ng		90
3) Pyridine	3.91	79	76236	37.776	ng		95
4) n-Nitrosodimethylamine	3.83	42	43319	59.167	ng		85
6) Aniline	7.40	93	61560	22.309	ng		98
8) 2-Chlorophenol	7.64	128	84949	48.880	ng		98
9) Benzaldehyde	7.22	77	52393	33.886	ng		97
10) Phenol	7.25	94	110396	48.749	ng		94
11) bis(2-Chloroethyl)ether	7.49	93	78433	42.424	ng		100
12) 1,3-Dichlorobenzene	7.96	146	85966	42.938	ng		99
13) 1,4-Dichlorobenzene	8.11	146	87398	43.214	ng		98
14) 1,2-Dichlorobenzene	8.43	146	83930	43.467	ng		97
15) Benzyl Alcohol	8.32	79	78619	50.819	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	177289	51.643	ng		96
17) 2-Methylphenol	8.51	107	77261	50.463	ng		98
18) Hexachloroethane	9.16	117	32230	43.788	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	67680	43.749	ng		96
20) 3+4-Methylphenols	8.84	107	104769	48.271	ng		95
22) Acetophenone	8.90	105	124028	44.267	ng	#	93
24) Nitrobenzene	9.30	77	99594	46.280	ng		99
25) Isophorone	9.81	82	192166	50.751	ng		99
26) 2-Nitrophenol	10.01	139	49032	45.640	ng		92
27) 2,4-Dimethylphenol	10.05	122	89623	55.368	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	112245	46.359	ng		97
29) 2,4-Dichlorophenol	10.54	162	88826	48.787	ng		99
30) 1,2,4-Trichlorobenzene	10.75	180	88698	43.474	ng		96
31) Naphthalene	10.95	128	260729	47.073	ng		99
32) Benzoic acid	10.18	122	39511	40.502	ng		94
33) 4-Chloroaniline	11.07	127	29518	11.457	ng		96
34) Hexachlorobutadiene	11.21	225	54752	43.604	ng		99
35) Caprolactam	11.84	113	34544m	47.401	ng		
36) 4-Chloro-3-methylphenol	12.16	107	101226	50.890	ng		97
37) 2-Methylnaphthalene	12.55	142	194554	48.901	ng		98
38) 1-Methylnaphthalene	12.76	142	186935	48.813	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	102860	42.986	ng		98

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Quant Time: Dec 03 06:52:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	127842	99.773	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	76806	47.103	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	84786	49.418	ng		93
46) 1,1'-Biphenyl	13.55	154	255189	42.418	ng		99
47) 2-Chloronaphthalene	13.59	162	201374	43.865	ng		99
48) 2-Nitroaniline	13.80	65	74526	51.581	ng		99
49) Acenaphthylene	14.44	152	342934	49.676	ng		99
50) Dimethylphthalate	14.16	163	280325	49.379	ng		99
51) 2,6-Dinitrotoluene	14.29	165	64243	50.000	ng		95
52) Acenaphthene	14.78	154	196486	47.277	ng		99
53) 3-Nitroaniline	14.63	138	24477	17.264	ng		96
54) 2,4-Dinitrophenol	14.83	184	76867	107.267	ng		87
55) Dibenzofuran	15.11	168	318034	46.278	ng		95
56) 4-Nitrophenol	14.93	139	111398	101.874	ng		87
57) 2,4-Dinitrotoluene	15.08	165	90074	51.524	ng		96
58) Fluorene	15.76	166	260741	50.852	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	74978	52.226	ng		97
60) Diethylphthalate	15.51	149	296169	49.117	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	139773	46.587	ng		99
62) 4-Nitroaniline	15.80	138	69536	49.370	ng		87
63) Azobenzene	16.04	77	271355	50.331	ng		94
65) 4,6-Dinitro-2-methylphenol	15.84	198	54882	48.187	ng		91
66) n-Nitrosodiphenylamine	15.97	169	240709	44.187	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	88933	44.998	ng		97
68) Hexachlorobenzene	16.75	284	93646	45.904	ng		98
69) Atrazine	16.91	200	99474	49.535	ng		97
70) Pentachlorophenol	17.11	266	113905	82.211	ng		97
71) Phenanthrene	17.51	178	453641	49.206	ng		100
72) Anthracene	17.59	178	461443	50.777	ng		100
73) Carbazole	17.87	167	430015	47.163	ng		99
74) Di-n-butylphthalate	18.40	149	532678	52.045	ng		98
75) Fluoranthene	19.51	202	564752	53.692	ng		99
77) Benzidine	19.70	184	156215	25.191	ng		98
78) Pyrene	19.87	202	565963	48.981	ng		98
80) Butylbenzylphthalate	20.74	149	242154	47.922	ng		100
81) Benzo(a)anthracene	21.72	228	534714	50.067	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	83497	20.070	ng		100
83) Chrysene	21.79	228	496445	48.583	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	338047	46.911	ng		100
85) Di-n-octyl phthalate	22.83	149	579300	49.691	ng		98
86) Indeno(1,2,3-cd)pyrene	28.86	276	597448	52.643	ng	#	93
88) Benzo(b)fluoranthene	24.00	252	533237	51.540	ng		98
89) Benzo(k)fluoranthene	24.07	252	505087	49.475	ng		98
90) Benzo(a)pyrene	24.90	252	512671	51.850	ng		99
91) Dibenzo(a,h)anthracene	28.93	278	493204	51.842	ng		98
92) Benzo(g,h,i)perylene	30.06	276	496440	52.481	ng		97

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

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