Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
Data File : BG037236.D
Acq On : 10 Oct 2018 3:17
Operator : JU/SJ
Sample : PB113678BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Manual Integrations APPROVED
Sohil
10/10/2018 12:41:23 PM

Quant Time: Oct 10 07:54:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 06:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	38595	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	161053	20.00	ng		0.00
38) Acenaphthene-d10	14.59	164	103391	20.00	ng		0.00
63) Phenanthrene-d10	17.33	188	280736	20.00	ng		0.00
75) Chrysene-d12	21.59	240	298538	20.00	ng		0.00
86) Perylene-d12	24.71	264	308854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	304918	151.51	ng		0.00
7) Phenol-d6	7.12	99	428653	137.67	ng		0.00
23) Nitrobenzene-d5	9.11	82	273581	90.97	ng		0.00
41) 2,4,6-Tribromophenol	16.08	330	195160	157.77	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	605514	87.23	ng		0.00
78) Terphenyl-d14	19.94	244	1165591	102.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	43416	47.146	ng		96
3) Pyridine	3.80	79	125025	47.020	ng		98
4) n-Nitrosodimethylamine	3.72	42	60040	50.804	ng	#	90
6) Aniline	7.28	93	86207	21.338	ng		99
8) 2-Chlorophenol	7.51	128	118842	50.858	ng		95
9) Benzaldehyde	7.09	77	67925	33.014	ng		97
10) Phenol	7.14	94	164022	51.042	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	111251	37.427	ng		99
12) 1,3-Dichlorobenzene	7.84	146	124691	43.525	ng		98
13) 1,4-Dichlorobenzene	7.98	146	122531	41.795	ng		99
14) 1,2-Dichlorobenzene	8.30	146	123872	43.601	ng		97
15) Benzyl Alcohol	8.19	79	110296	43.657	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	238893	41.862	ng		97
17) 2-Methylphenol	8.40	107	104750	46.797	ng		95
18) Hexachloroethane	9.03	117	52079	48.272	ng		99
19) n-Nitroso-di-n-propylamine	8.75	70	103331	39.893	ng		94
20) 3+4-Methylphenols	8.72	107	149119	47.887	ng		99
22) Acetophenone	8.77	105	185103	48.908	ng		99
24) Nitrobenzene	9.15	77	151478	47.165	ng		99
25) Isophorone	9.68	82	295950	53.855	ng		99
26) 2-Nitrophenol	9.87	139	74440	58.149	ng		98
27) 2,4-Dimethylphenol	9.93	122	118592	59.471	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	161961	47.764	ng		100
29) 2,4-Dichlorophenol	10.41	162	126257	54.618	ng		95
30) 1,2,4-Trichlorobenzene	10.62	180	129183	44.655	ng		97
31) Naphthalene	10.80	128	383487	50.044	ng		99
33) 4-Chloroaniline	10.92	127	53780	15.436	ng		96
34) Hexachlorobutadiene	11.09	225	88771	44.373	ng		98
35) Caprolactam	11.69	113	48902	51.398	ng		97
36) 4-Chloro-3-methylphenol	12.04	107	149269	54.117	ng		96
37) 2-Methylnaphthalene	12.41	142	290325	49.745	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	164193	45.532	ng		99
40) Hexachlorocyclopentadiene	12.76	237	189467	102.159	ng		100
42) 2,4,6-Trichlorophenol	13.02	196	124684	62.265	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.10	196	123247	57.720	ng	98
45) 1,1'-Biphenyl	13.42	154	384184	48.519	ng	96
46) 2-Chloronaphthalene	13.46	162	292983	47.050	ng	99
47) 2-Nitroaniline	13.67	65	112294	52.137	ng	99
48) Acenaphthylene	14.31	152	512105	52.481	ng	99
49) Dimethylphthalate	14.04	163	419780	50.441	ng	99
50) 2,6-Dinitrotoluene	14.17	165	92708	51.057	ng	99
51) Acenaphthene	14.65	154	295047	50.030	ng	100
52) 3-Nitroaniline	14.50	138	43603	22.788	ng	95
54) Dibenzofuran	14.99	168	485385	48.659	ng	99
55) 4-Nitrophenol	14.81	139	112898	92.362	ng	98
56) 2,4-Dinitrotoluene	14.95	165	136237	53.770	ng	92
57) Fluorene	15.63	166	397258	53.281	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.22	232	91825	42.392	ng	97
59) Diethylphthalate	15.41	149	433285	51.619	ng	98
60) 4-Chlorophenyl-phenylether	15.63	204	217987	46.166	ng	99
61) 4-Nitroaniline	15.66	138	108025	53.674	ng	98
62) Azobenzene	15.92	77	422269	52.356	ng	99
65) n-Nitrosodiphenylamine	15.85	169	363923	46.956	ng	97
66) 4-Bromophenyl-phenylether	16.52	248	144311	45.193	ng	96
67) Hexachlorobenzene	16.64	284	149830	45.558	ng	98
68) Atrazine	16.79	200	169229	53.926	ng	98
69) Pentachlorophenol	17.03	266	7688m	3.713	ng	
70) Phenanthrene	17.37	178	721900	53.361	ng	99
71) Anthracene	17.47	178	713209	53.315	ng	99
72) Carbazole	17.74	167	665082	50.993	ng	98
73) Di-n-butylphthalate	18.29	149	795077	54.892	ng	99
74) Fluoranthene	19.38	202	906288	55.653	ng	99
76) Benzidine	19.57	184	203397	22.538	ng	97
77) Pyrene	19.75	202	908012	50.685	ng	99
79) Butylbenzylphthalate	20.63	149	380783	53.326	ng	97
80) Benzo(a)anthracene	21.57	228	900722	51.685	ng	100
81) 3,3'-Dichlorobenzidine	21.49	252	145431	21.924	ng	97
82) Chrysene	21.63	228	846057	50.247	ng	99
83) Bis(2-ethylhexyl)phthalate	21.47	149	535540	53.686	ng	100
84) Di-n-octyl phthalate	22.65	149	906466	55.191	ng	97
85) Indeno(1,2,3-cd)pyrene	28.27	276	1012556m	56.000	ng	
87) Benzo(b)fluoranthene	23.72	252	870951	52.915	ng	98
88) Benzo(k)fluoranthene	23.79	252	851544	51.567	ng	99
89) Benzo(a)pyrene	24.57	252	864701	54.340	ng	99
90) Dibenzo(a,h)anthracene	28.33	278	812587m	54.486	ng	
91) Benzo(g,h,i)perylene	29.38	276	847480m	56.622	ng	

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

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