Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036744.D
Acq On : 15 Sep 2018 16:55
Operator : JU/SJ
Sample : PB112846BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112846BS

Manual Integrations APPROVED
Sohil
9/17/2018 2:36:18 PM

Quant Time: Sep 17 14:25:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51931	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	221124	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156493	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	408265	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	412755	20.00	ng	-0.01
86) Perylene-d12	24.89	264	435959	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	429425	131.17	ng	0.00
7) Phenol-d6	7.21	99	608210	129.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	370559	90.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	286607	153.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	893041	81.48	ng	-0.01
78) Terphenyl-d14	20.03	244	1560935	88.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	48383	31.668	ng	96
3) Pyridine	3.92	79	150620	35.122	ng	98
4) n-Nitrosodimethylamine	3.83	42	82416	43.147	ng	96
6) Aniline	7.37	93	153408	25.785	ng	97
8) 2-Chlorophenol	7.62	128	157636	44.402	ng	98
9) Benzaldehyde	7.18	77	79219	24.543	ng	95
10) Phenol	7.24	94	225261	45.924	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	150323	38.657	ng	99
12) 1,3-Dichlorobenzene	7.94	146	160916	39.695	ng	97
13) 1,4-Dichlorobenzene	8.09	146	161935	39.566	ng	98
14) 1,2-Dichlorobenzene	8.40	146	154745	39.590	ng	96
15) Benzyl Alcohol	8.29	79	162818	43.090	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	295904	37.732	ng	99
17) 2-Methylphenol	8.49	107	152518	46.828	ng	98
18) Hexachloroethane	9.13	117	59935	40.844	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	136807	39.054	ng	97
20) 3+4-Methylphenols	8.82	107	213333	46.915	ng	98
22) Acetophenone	8.87	105	246312	42.419	ng	98
24) Nitrobenzene	9.25	77	199642	45.427	ng	99
25) Isophorone	9.77	82	390048	48.177	ng	98
26) 2-Nitrophenol	9.96	139	93748	53.832	ng	99
27) 2,4-Dimethylphenol	10.02	122	174243	54.043	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	222349	44.749	ng	97
29) 2,4-Dichlorophenol	10.50	162	187113	52.954	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	174155	42.131	ng	98
31) Naphthalene	10.91	128	503887	45.585	ng	99
33) 4-Chloroaniline	11.01	127	122882	24.260	ng	99
34) Hexachlorobutadiene	11.19	225	116472	41.937	ng	98
35) Caprolactam	11.79	113	71210	50.589	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	211422	51.493	ng	99
37) 2-Methylnaphthalene	12.51	142	407749	50.414	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	233710	42.200	ng	99
40) Hexachlorocyclopentadiene	12.85	237	290110	100.681	ng	98
42) 2,4,6-Trichlorophenol	13.11	196	169629	50.282	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.18	196	180593	50.189	ng		98
45) 1,1'-Biphenyl	13.51	154	537106	41.347	ng		99
46) 2-Chloronaphthalene	13.55	162	414624	41.810	ng		99
47) 2-Nitroaniline	13.75	65	157152	50.465	ng		97
48) Acenaphthylene	14.40	152	723466	46.680	ng		99
49) Dimethylphthalate	14.13	163	585597	45.827	ng		99
50) 2,6-Dinitrotoluene	14.25	165	130424	49.601	ng		97
51) Acenaphthene	14.74	154	422241	42.539	ng		98
52) 3-Nitroaniline	14.57	138	86215	30.426	ng		98
53) 2,4-Dinitrophenol	14.79	184	8427	8.461	ng		97
54) Dibenzofuran	15.07	168	689603	44.346	ng		100
55) 4-Nitrophenol	14.88	139	200301	86.455	ng		98
56) 2,4-Dinitrotoluene	15.03	165	186006	54.277	ng		91
57) Fluorene	15.72	166	556429	47.865	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181959	53.823	ng		95
59) Diethylphthalate	15.49	149	587287	45.604	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	321922	44.846	ng		98
61) 4-Nitroaniline	15.74	138	148301	50.014	ng		97
62) Azobenzene	16.01	77	580348	44.291	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	20301	11.320	ng		98
65) n-Nitrosodiphenylamine	15.93	169	525815	43.345	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	216888	45.374	ng		98
67) Hexachlorobenzene	16.72	284	217931	44.588	ng		98
68) Atrazine	16.87	200	228537	50.191	ng		98
69) Pentachlorophenol	17.07	266	135292m	40.728	ng		
70) Phenanthrene	17.46	178	965280	46.530	ng		99
71) Anthracene	17.55	178	982888	47.530	ng		98
72) Carbazole	17.82	167	870685	42.160	ng		99
73) Di-n-butylphthalate	18.38	149	985224	42.841	ng		99
74) Fluoranthene	19.46	202	1172633	46.363	ng		98
76) Benzidine	19.64	184	451709	34.302	ng		98
77) Pyrene	19.83	202	1147563	45.212	ng		98
79) Butylbenzylphthalate	20.71	149	456494	45.192	ng		96
80) Benzo(a)anthracene	21.67	228	1171357	46.844	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	250535	25.140	ng		97
82) Chrysene	21.73	228	1093355	46.130	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	633240	44.798	ng		98
84) Di-n-octyl phthalate	22.78	149	1074986	45.530	ng		98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1364307	49.559	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	1177892	48.655	ng		98
88) Benzo(k)fluoranthene	23.94	252	1143558	48.351	ng		99
89) Benzo(a)pyrene	24.74	252	1150101	49.439	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	1102213	49.079	ng		98
91) Benzo(g,h,i)perylene	29.68	276	1130764	50.104	ng		94

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

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