Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036583.D
Acq On : 7 Sep 2018 00:02
Operator : JU/SJ
Sample : PB112641BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112641BSD

Manual Integrations APPROVED
Sohil
9/7/2018 11:44:51 AM

Quant Time: Sep 07 04:53:35 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	8.06	152	60238	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	253585	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	173512	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	442739	20.00	ng		0.00
75) Chrysene-d12	21.69	240	435152	20.00	ng		0.00
86) Perylene-d12	24.90	264	457436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	356992	94.01	ng		0.00
7) Phenol-d6	7.21	99	514910	94.71	ng		0.00
23) Nitrobenzene-d5	9.22	82	453217	96.97	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	231471	111.80	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1083111	89.13	ng		0.00
78) Terphenyl-d14	20.03	244	1674085	89.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47446	26.772	ng		96
3) Pyridine	3.93	79	155426	31.245	ng		96
4) n-Nitrosodimethylamine	3.84	42	84009	37.916	ng		93
6) Aniline	7.38	93	265337	38.448	ng		95
8) 2-Chlorophenol	7.62	128	175387	42.590	ng		98
9) Benzaldehyde	7.19	77	106114	28.342	ng		98
10) Phenol	7.24	94	252023	44.295	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	171185	37.951	ng		97
12) 1,3-Dichlorobenzene	7.95	146	172808	36.750	ng		98
13) 1,4-Dichlorobenzene	8.09	146	176694	37.218	ng		98
14) 1,2-Dichlorobenzene	8.41	146	173056	38.169	ng		95
15) Benzyl Alcohol	8.29	79	180206	41.115	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	314974	34.625	ng		97
17) 2-Methylphenol	8.49	107	169893	44.969	ng		98
18) Hexachloroethane	9.15	117	64731	38.029	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	149479	36.787	ng		93
20) 3+4-Methylphenols	8.82	107	234344	44.429	ng		99
22) Acetophenone	8.88	105	277302	41.643	ng	#	96
24) Nitrobenzene	9.26	77	218254	43.305	ng		96
25) Isophorone	9.79	82	423325	45.594	ng		97
26) 2-Nitrophenol	9.97	139	98568	49.355	ng		96
27) 2,4-Dimethylphenol	10.03	122	188592	51.005	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	243002	42.645	ng		98
29) 2,4-Dichlorophenol	10.51	162	202524	49.978	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	197553	41.674	ng		99
31) Naphthalene	10.91	128	564166	44.505	ng		100
32) Benzoic acid	10.16	122	120234	44.247	ng		97
33) 4-Chloroaniline	11.02	127	231720	39.891	ng		97
34) Hexachlorobutadiene	11.20	225	129567	40.680	ng		96
35) Caprolactam	11.79	113	78416m	48.577	ng		
36) 4-Chloro-3-methylphenol	12.13	107	231868	49.244	ng		99
37) 2-Methylnaphthalene	12.51	142	453337	48.875	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	261632	42.608	ng		99
40) Hexachlorocyclopentadiene	12.86	237	314052	98.300	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	181585	48.547	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	197701	49.555	ng		98
45) 1,1'-Biphenyl	13.52	154	590799	41.019	ng		99
46) 2-Chloronaphthalene	13.56	162	461131	41.939	ng		98
47) 2-Nitroaniline	13.76	65	167716	48.575	ng		93
48) Acenaphthylene	14.40	152	789926	45.969	ng		100
49) Dimethylphthalate	14.13	163	640928	45.237	ng		98
50) 2,6-Dinitrotoluene	14.25	165	142888	49.011	ng		92
51) Acenaphthene	14.74	154	474322	43.099	ng		99
52) 3-Nitroaniline	14.58	138	140336	44.668	ng		98
53) 2,4-Dinitrophenol	14.79	184	115608	104.689	ng		95
54) Dibenzofuran	15.08	168	759254	44.036	ng		99
55) 4-Nitrophenol	14.89	139	231295	90.040	ng		96
56) 2,4-Dinitrotoluene	15.04	165	202637	53.330	ng		90
57) Fluorene	15.73	166	605644	46.988	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	199368	53.188	ng		95
59) Diethylphthalate	15.50	149	632482	44.296	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	350228	44.004	ng		97
61) 4-Nitroaniline	15.74	138	158960	48.351	ng		92
62) Azobenzene	16.01	77	615025	42.334	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	102215	52.556	ng		95
65) n-Nitrosodiphenylamine	15.93	169	564580	42.917	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	234498	45.239	ng		98
67) Hexachlorobenzene	16.73	284	236518	44.623	ng		97
68) Atrazine	16.88	200	246162	49.852	ng		99
69) Pentachlorophenol	17.07	266	285731	79.318	ng		99
70) Phenanthrene	17.47	178	1024524	45.541	ng		99
71) Anthracene	17.56	178	1050579	46.848	ng		97
72) Carbazole	17.82	167	915078	40.859	ng		99
73) Di-n-butylphthalate	18.38	149	1049983	42.101	ng		99
74) Fluoranthene	19.47	202	1255693	45.781	ng		99
76) Benzidine	19.65	184	959906	69.141	ng		99
77) Pyrene	19.83	202	1214137	45.373	ng		98
79) Butylbenzylphthalate	20.72	149	485037	45.546	ng		94
80) Benzo(a)anthracene	21.67	228	1235440	46.864	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	396253	37.715	ng		98
82) Chrysene	21.74	228	1149531	46.004	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	658005	44.155	ng		99
84) Di-n-octyl phthalate	22.79	149	1124018	45.157	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1351686	46.573	ng	#	95
87) Benzo(b)fluoranthene	23.89	252	1256062	49.448	ng		97
88) Benzo(k)fluoranthene	23.96	252	1154244	46.512	ng		98
89) Benzo(a)pyrene	24.76	252	1189720	48.741	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	1092660	46.369	ng		96
91) Benzo(g,h,i)perylene	29.70	276	1107013	46.748	ng		95

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

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