Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039926.D
Acq On : 14 Mar 2019 15:43
Operator : JU/SJ
Sample : PB117907BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Manual Integrations APPROVED
Sohil
3/15/2019 10:12:28 AM

Quant Time: Mar 15 08:19:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36301	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	155755	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	107098	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	268586	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	281346	20.00	ng		-0.02
87) Perylene-d12	25.17	264	271316	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	299022	140.53	ng		-0.02
7) Phenol-d6	7.30	99	417986	131.74	ng		-0.02
23) Nitrobenzene-d5	9.32	82	232560	80.75	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	170604	136.67	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	578946	76.97	ng		-0.02
79) Terphenyl-d14	20.11	244	1002942	78.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	38234	38.920	ng		97
3) Pyridine	3.98	79	95201	36.199	ng		98
4) n-Nitrosodimethylamine	3.90	42	51116	40.970	ng	#	84
6) Aniline	7.47	93	119560	28.763	ng		99
8) 2-Chlorophenol	7.71	128	108357	41.975	ng		96
9) Benzaldehyde	7.29	77	47844	23.377	ng		93
10) Phenol	7.32	94	147022	42.775	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	104825	39.117	ng		100
12) 1,3-Dichlorobenzene	8.03	146	115949	39.714	ng		99
13) 1,4-Dichlorobenzene	8.18	146	115462	38.826	ng		97
14) 1,2-Dichlorobenzene	8.50	146	113190	39.394	ng		98
15) Benzyl Alcohol	8.38	79	102093	40.565	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	211382	39.440	ng		99
17) 2-Methylphenol	8.58	107	96636	44.094	ng		96
18) Hexachloroethane	9.23	117	40917	38.346	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	85766	37.557	ng		92
20) 3+4-Methylphenols	8.91	107	129508	42.536	ng		97
22) Acetophenone	8.98	105	163722	39.164	ng	#	94
24) Nitrobenzene	9.36	77	128459	42.519	ng		97
25) Isophorone	9.88	82	247987	41.097	ng		98
26) 2-Nitrophenol	10.08	139	62375	42.761	ng		93
27) 2,4-Dimethylphenol	10.12	122	114310	50.387	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	150678	41.090	ng		97
29) 2,4-Dichlorophenol	10.60	162	121224	47.460	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	120260	41.841	ng		99
31) Naphthalene	11.02	128	341534	41.415	ng		99
32) Benzoic acid	10.25	122	60894m	40.317	ng		
33) 4-Chloroaniline	11.13	127	83521	23.884	ng		97
34) Hexachlorobutadiene	11.28	225	82270	41.887	ng		96
35) Caprolactam	11.90	113	41135m	42.159	ng		
36) 4-Chloro-3-methylphenol	12.23	107	128804	43.990	ng		99
37) 2-Methylnaphthalene	12.61	142	262217	42.531	ng		98
38) 1-Methylnaphthalene	12.83	142	248038	41.398	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	145255	40.035	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	188572	96.983	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	98675	46.454	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	106936	44.663	ng		99
46) 1,1'-Biphenyl	13.61	154	351553	39.910	ng		98
47) 2-Chloronaphthalene	13.66	162	271759	41.010	ng		99
48) 2-Nitroaniline	13.86	65	93916	44.100	ng		92
49) Acenaphthylene	14.50	152	433597	39.859	ng		99
50) Dimethylphthalate	14.22	163	366825	40.961	ng		100
51) 2,6-Dinitrotoluene	14.35	165	82574	43.494	ng		97
52) Acenaphthene	14.84	154	264089	40.335	ng		98
53) 3-Nitroaniline	14.69	138	54749	28.688	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	73026	62.243	ng		98
55) Dibenzofuran	15.17	168	439028	40.869	ng		99
56) 4-Nitrophenol	14.98	139	142531	83.488	ng		93
57) 2,4-Dinitrotoluene	15.13	165	117207	43.937	ng		91
58) Fluorene	15.82	166	345879	40.957	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	105629	45.173	ng		97
60) Diethylphthalate	15.57	149	373926	42.179	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	188160	41.754	ng		98
62) 4-Nitroaniline	15.85	138	87339	42.215	ng		97
63) Azobenzene	16.10	77	335753	41.780	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	63406	39.927	ng		98
66) n-Nitrosodiphenylamine	16.02	169	319607	41.104	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	123653	41.130	ng		96
68) Hexachlorobenzene	16.81	284	125690	40.333	ng		95
69) Atrazine	16.96	200	132102	43.168	ng		95
70) Pentachlorophenol	17.16	266	163058	82.850	ng		97
71) Phenanthrene	17.56	178	598846	40.479	ng		99
72) Anthracene	17.65	178	612692	42.499	ng		99
73) Carbazole	17.92	167	542545	41.745	ng		99
74) Di-n-butylphthalate	18.45	149	667741	43.667	ng		100
75) Fluoranthene	19.56	202	748653	42.820	ng		98
77) Benzidine	19.74	184	298096	33.389	ng		99
78) Pyrene	19.93	202	745515	40.779	ng		99
80) Butylbenzylphthalate	20.79	149	309573	43.707	ng		97
81) Benzo(a)anthracene	21.78	228	715504	40.578	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	170763	26.526	ng		99
83) Chrysene	21.85	228	684243	40.027	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	437196	43.925	ng		98
85) Di-n-octyl phthalate	22.90	149	740297	44.920	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	811177	41.829	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	715746	44.239	ng		98
89) Benzo(k)fluoranthene	24.16	252	682126	45.293	ng		98
90) Benzo(a)pyrene	25.01	252	690036	46.155	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	654007	44.622	ng		97
92) Benzo(g,h,i)perylene	30.25	276	669558	45.486	ng		97

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

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