Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039928.D
Acq On : 14 Mar 2019 17:02
Operator : JU/SJ
Sample : PB117835BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117835BS

Manual Integrations APPROVED
Sohil
3/15/2019 10:12:31 AM

Quant Time: Mar 15 08:23:38 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	36713	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	154705	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	101534	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	260067	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	272141	20.00	ng		-0.02
87) Perylene-d12	25.16	264	275802	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	310614	144.34	ng		-0.01
7) Phenol-d6	7.29	99	434188	135.31	ng		-0.02
23) Nitrobenzene-d5	9.33	82	240373	84.03	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	171252	144.71	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	579514	81.27	ng		-0.02
79) Terphenyl-d14	20.11	244	992307	80.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39411	39.668	ng		96
3) Pyridine	3.98	79	98102	36.883	ng		99
4) n-Nitrosodimethylamine	3.90	42	53230	42.186	ng	#	83
6) Aniline	7.47	93	122327	29.099	ng		98
8) 2-Chlorophenol	7.71	128	109990	42.130	ng		98
9) Benzaldehyde	7.29	77	61587	29.755	ng		96
10) Phenol	7.32	94	146776	42.224	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	108041	39.865	ng		99
12) 1,3-Dichlorobenzene	8.03	146	118433	40.110	ng		99
13) 1,4-Dichlorobenzene	8.19	146	120277	39.991	ng		97
14) 1,2-Dichlorobenzene	8.50	146	114009	39.234	ng		98
15) Benzyl Alcohol	8.39	79	104758	41.157	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	217244	40.079	ng		98
17) 2-Methylphenol	8.58	107	94154	42.479	ng		97
18) Hexachloroethane	9.23	117	43517	40.325	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	86430	37.423	ng		96
20) 3+4-Methylphenols	8.91	107	131087	42.572	ng		96
22) Acetophenone	8.98	105	165084	39.758	ng	#	94
24) Nitrobenzene	9.37	77	129194	43.053	ng		98
25) Isophorone	9.88	82	241388	40.274	ng		99
26) 2-Nitrophenol	10.08	139	63943	44.133	ng		95
27) 2,4-Dimethylphenol	10.12	122	111011	49.265	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	148992	40.906	ng		98
29) 2,4-Dichlorophenol	10.61	162	116575	45.949	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	120471	42.199	ng		98
31) Naphthalene	11.02	128	339631	41.464	ng		99
32) Benzoic acid	10.25	122	56212m	37.936	ng		
33) 4-Chloroaniline	11.13	127	79597	22.917	ng		97
34) Hexachlorobutadiene	11.28	225	82454	42.266	ng		97
35) Caprolactam	11.91	113	40911	42.214	ng	#	88
36) 4-Chloro-3-methylphenol	12.23	107	127626	43.884	ng		99
37) 2-Methylnaphthalene	12.61	142	257533	42.054	ng		97
38) 1-Methylnaphthalene	12.83	142	245542	41.259	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	144919	42.131	ng		99

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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	192909	104.651	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	96602	47.970	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	102219	45.032	ng		98
46) 1,1'-Biphenyl	13.61	154	353227	42.297	ng		99
47) 2-Chloronaphthalene	13.66	162	270929	43.125	ng		98
48) 2-Nitroaniline	13.87	65	92225	45.679	ng		93
49) Acenaphthylene	14.50	152	431635	41.853	ng		99
50) Dimethylphthalate	14.22	163	365406	43.039	ng		100
51) 2,6-Dinitrotoluene	14.35	165	80207	44.562	ng		99
52) Acenaphthene	14.84	154	267217	43.049	ng		99
53) 3-Nitroaniline	14.69	138	51525	28.478	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	87904	77.612	ng		98
55) Dibenzofuran	15.17	168	430044	42.226	ng		98
56) 4-Nitrophenol	14.98	139	133918	82.742	ng		91
57) 2,4-Dinitrotoluene	15.14	165	116204	45.948	ng		87
58) Fluorene	15.82	166	338484	42.278	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	105239	47.472	ng		97
60) Diethylphthalate	15.57	149	369439	43.956	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	182171	42.640	ng		97
62) 4-Nitroaniline	15.85	138	86730	44.217	ng		94
63) Azobenzene	16.10	77	331350	43.492	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	63795	41.488	ng		100
66) n-Nitrosodiphenylamine	16.02	169	318356	42.284	ng		100
67) 4-Bromophenyl-phenylether	16.70	248	120739	41.476	ng		96
68) Hexachlorobenzene	16.81	284	123864	41.049	ng		98
69) Atrazine	16.96	200	123467	41.668	ng		92
70) Pentachlorophenol	17.16	266	148170	77.751	ng		100
71) Phenanthrene	17.56	178	587261	40.996	ng		100
72) Anthracene	17.65	178	597377	42.794	ng		99
73) Carbazole	17.93	167	536643	42.643	ng		98
74) Di-n-butylphthalate	18.45	149	651103	43.974	ng		99
75) Fluoranthene	19.56	202	725239	42.839	ng		98
77) Benzidine	19.74	184	295260	34.190	ng		100
78) Pyrene	19.92	202	728423	41.191	ng		99
80) Butylbenzylphthalate	20.79	149	304103	44.387	ng		98
81) Benzo(a)anthracene	21.79	228	706537	41.425	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	160249	25.735	ng		99
83) Chrysene	21.86	228	677256	40.959	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	426678	44.318	ng		98
85) Di-n-octyl phthalate	22.90	149	732423	45.946	ng		95
86) Indeno(1,2,3-cd)pyrene	29.04	276	811453	43.258	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	707952	43.045	ng		98
89) Benzo(k)fluoranthene	24.16	252	684019	44.680	ng		99
90) Benzo(a)pyrene	25.01	252	688136	45.279	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	659191	44.244	ng		99
92) Benzo(g,h,i)perylene	30.26	276	677697	45.290	ng		97

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

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