Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043051.D
Acq On : 5 Oct 2019 12:21
Operator : JU
Sample : PB123649BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 07 08:50:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB123649BS

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	81004	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	312725	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	223261	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	532782	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	591005	20.00	ng		-0.02
87) Perylene-d12	24.91	264	586424	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	514241	113.29	ng		0.00
7) Phenol-d6	7.24	99	693262	106.06	ng		0.00
23) Nitrobenzene-d5	9.22	82	408121	63.43	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	434239	113.11	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1028962	66.81	ng		-0.02
79) Terphenyl-d14	20.03	244	1889297	68.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	63874	33.752	ng		92
3) Pyridine	3.93	79	160185	30.095	ng		90
4) n-Nitrosodimethylamine	3.85	42	102819	40.170	ng	#	81
6) Aniline	7.39	93	264364	33.505	ng		97
8) 2-Chlorophenol	7.64	128	217745	46.000	ng		97
9) Benzaldehyde	7.19	77	107729	26.971	ng		89
10) Phenol	7.26	94	269631	44.961	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	188310	40.584	ng		93
12) 1,3-Dichlorobenzene	7.95	146	244457	40.483	ng		98
13) 1,4-Dichlorobenzene	8.09	146	246209	40.901	ng		99
14) 1,2-Dichlorobenzene	8.42	146	234934	40.993	ng		95
15) Benzyl Alcohol	8.30	79	211517	43.041	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	287015	32.209	ng		95
17) 2-Methylphenol	8.51	107	187755	44.745	ng		97
18) Hexachloroethane	9.15	117	85661	37.784	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	161722	37.680	ng		93
20) 3+4-Methylphenols	8.84	107	253974	44.166	ng		95
22) Acetophenone	8.88	105	323421	40.121	ng	#	95
24) Nitrobenzene	9.26	77	252133	41.084	ng		94
25) Isophorone	9.79	82	457524	40.483	ng		99
26) 2-Nitrophenol	9.97	139	125152	47.904	ng		96
27) 2,4-Dimethylphenol	10.04	122	206598	51.493	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	254465	39.685	ng		95
29) 2,4-Dichlorophenol	10.52	162	236354	47.367	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	258431	40.106	ng		97
31) Naphthalene	10.91	128	649767	42.208	ng		99
32) Benzoic acid	10.20	122	129180	42.433	ng		97
33) 4-Chloroaniline	11.03	127	205189	30.717	ng		96
34) Hexachlorobutadiene	11.20	225	186613	38.678	ng		99
35) Caprolactam	11.81	113	71519m	40.643	ng		
36) 4-Chloro-3-methylphenol	12.15	107	251150	46.291	ng		94
37) 2-Methylnaphthalene	12.52	142	501732	42.723	ng		96
38) 1-Methylnaphthalene	12.74	142	473268	42.589	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	331296	39.466	ng		100

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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	12.86	237	374091	69.942	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	223184	45.424	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	234834	46.397	ng	97
46) 1,1'-Biphenyl	13.52	154	673199	39.762	ng	98
47) 2-Chloronaphthalene	13.56	162	530464	41.789	ng	99
48) 2-Nitroaniline	13.76	65	172142	40.779	ng	91
49) Acenaphthylene	14.40	152	841732	43.335	ng	98
50) Dimethylphthalate	14.14	163	690439	41.274	ng	98
51) 2,6-Dinitrotoluene	14.25	165	160144	44.954	ng	92
52) Acenaphthene	14.75	154	517919	39.836	ng	98
53) 3-Nitroaniline	14.59	138	128571	34.923	ng	97
54) 2,4-Dinitrophenol	14.79	184	189688	85.665	ng	91
55) Dibenzofuran	15.08	168	825788	42.937	ng	99
56) 4-Nitrophenol	14.91	139	257428	91.772	ng	93
57) 2,4-Dinitrotoluene	15.04	165	229108	43.918	ng	97
58) Fluorene	15.73	166	693481	42.234	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	235825	43.759	ng	99
60) Diethylphthalate	15.50	149	689567	40.505	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	403794	41.005	ng	97
62) 4-Nitroaniline	15.76	138	166269	41.410	ng	96
63) Azobenzene	16.01	77	611065	39.425	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	142796	47.365	ng	93
66) n-Nitrosodiphenylamine	15.94	169	621464	44.186	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	288647	43.166	ng	96
68) Hexachlorobenzene	16.74	284	313660	42.128	ng	96
69) Atrazine	16.88	200	238979	40.350	ng	96
70) Pentachlorophenol	17.08	266	388544	90.439	ng	98
71) Phenanthrene	17.47	178	1105333	42.495	ng	97
72) Anthracene	17.56	178	1119306	43.105	ng	98
73) Carbazole	17.83	167	1044015	43.357	ng	99
74) Di-n-butylphthalate	18.38	149	1196514	41.647	ng	99
75) Fluoranthene	19.47	202	1451206	42.182	ng	100
77) Benzidine	19.66	184	422956	28.582	ng	99
78) Pyrene	19.84	202	1447153	41.025	ng	98
80) Butylbenzylphthalate	20.72	149	567732	42.401	ng	99
81) Benzo(a)anthracene	21.68	228	1529562	41.536	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	567249	39.274	ng	99
83) Chrysene	21.74	228	1460423	40.867	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	828051	43.462	ng	100
85) Di-n-octyl phthalate	22.79	149	1368745	43.934	ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1972913	44.347	ng	98
88) Benzo(b)fluoranthene	23.89	252	1634202	49.251	ng	98
89) Benzo(k)fluoranthene	23.96	252	1596487	48.635	ng	99
90) Benzo(a)pyrene	24.77	252	1581905	50.531	ng	100
91) Dibenzo(a,h)anthracene	28.65	278	1668304	51.970	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1622942	52.179	ng	96

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

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