Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042987.D
Acq On : 2 Oct 2019 16:32
Operator : JU
Sample : PB123559BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123559BS

Manual Integrations APPROVED
mohammad
10/4/2019 8:17:47 AM

Quant Time: Oct 03 05:10:40 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61914	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	248480	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	180803	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	445136	20.00	ng	0.00
76) Chrysene-d12	21.71	240	492436	20.00	ng	0.00
87) Perylene-d12	24.93	264	515717	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	407674	117.51	ng	0.00
7) Phenol-d6	7.24	99	550740	110.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	336479	65.82	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	348570	112.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	836346	67.06	ng	0.00
79) Terphenyl-d14	20.04	244	1653706	71.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	53299	36.848	ng	94
3) Pyridine	3.94	79	126786	31.164	ng	97
4) n-Nitrosodimethylamine	3.86	42	86360	44.142	ng	97
6) Aniline	7.39	93	188743	31.296	ng	99
8) 2-Chlorophenol	7.64	128	171939	47.523	ng	99
9) Benzaldehyde	7.21	77	89486	29.312	ng	90
10) Phenol	7.27	94	217249	47.396	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	147515	41.594	ng	97
12) 1,3-Dichlorobenzene	7.96	146	187109	40.540	ng	99
13) 1,4-Dichlorobenzene	8.10	146	193098	41.968	ng	96
14) 1,2-Dichlorobenzene	8.42	146	182219	41.599	ng	95
15) Benzyl Alcohol	8.31	79	167507	44.595	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	254590	37.380	ng	97
17) 2-Methylphenol	8.52	107	145191	45.270	ng	97
18) Hexachloroethane	9.16	117	71118	41.042	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	131568	40.106	ng	98
20) 3+4-Methylphenols	8.85	107	202325	46.033	ng	97
22) Acetophenone	8.89	105	257610	40.220	ng	97
24) Nitrobenzene	9.27	77	204386	41.914	ng	95
25) Isophorone	9.80	82	362711	40.392	ng	98
26) 2-Nitrophenol	9.98	139	97725	47.078	ng	98
27) 2,4-Dimethylphenol	10.04	122	161745	50.737	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	202838	39.813	ng	96
29) 2,4-Dichlorophenol	10.53	162	187169	47.208	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	211692	41.346	ng	98
31) Naphthalene	10.92	128	528271	43.189	ng	99
32) Benzoic acid	10.20	122	101655	42.094	ng	94
33) 4-Chloroaniline	11.03	127	142449	26.838	ng	97
34) Hexachlorobutadiene	11.21	225	152008	39.651	ng	97
35) Caprolactam	11.81	113	56857m	40.665	ng	
36) 4-Chloro-3-methylphenol	12.15	107	197088	45.719	ng	98
37) 2-Methylnaphthalene	12.52	142	399421	42.804	ng	97
38) 1-Methylnaphthalene	12.74	142	374378	42.400	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	268298	39.467	ng	98

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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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	307585	71.013 ng	97
43) 2,4,6-Trichlorophenol	13.13	196	174804	43.932 ng	96
44) 2,4,5-Trichlorophenol	13.20	196	187101	45.647 ng	96
46) 1,1'-Biphenyl	13.53	154	537377	39.193 ng	97
47) 2-Chloronaphthalene	13.57	162	425882	41.429 ng	99
48) 2-Nitroaniline	13.77	65	144169	42.173 ng	96
49) Acenaphthylene	14.41	152	683679	43.464 ng	99
50) Dimethylphthalate	14.14	163	553804	40.880 ng	99
51) 2,6-Dinitrotoluene	14.26	165	127357	44.146 ng	98
52) Acenaphthene	14.76	154	418922	39.789 ng	99
53) 3-Nitroaniline	14.59	138	93665	31.416 ng	99
54) 2,4-Dinitrophenol	14.79	184	149860	83.571 ng	98
55) Dibenzofuran	15.09	168	667046	42.828 ng	99
56) 4-Nitrophenol	14.91	139	210642	92.727 ng	98
57) 2,4-Dinitrotoluene	15.04	165	181455	42.951 ng	99
58) Fluorene	15.74	166	569199	42.806 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	195589	44.816 ng	99
60) Diethylphthalate	15.50	149	552362	40.065 ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	333131	41.773 ng	98
62) 4-Nitroaniline	15.75	138	132590	40.777 ng	96
63) Azobenzene	16.02	77	512356	40.819 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	114077	45.289 ng	97
66) n-Nitrosodiphenylamine	15.94	169	505142	42.987 ng	99
67) 4-Bromophenyl-phenylether	16.62	248	233474	41.790 ng	97
68) Hexachlorobenzene	16.74	284	256020	41.157 ng	100
69) Atrazine	16.89	200	201363	40.693 ng	97
70) Pentachlorophenol	17.08	266	323360	90.086 ng	98
71) Phenanthrene	17.48	178	918477	42.264 ng	97
72) Anthracene	17.56	178	941325	43.389 ng	100
73) Carbazole	17.83	167	874069	43.446 ng	98
74) Di-n-butylphthalate	18.39	149	994314	41.424 ng	99
75) Fluoranthene	19.48	202	1242004	43.209 ng	99
77) Benzidine	19.66	184	409056	33.175 ng	99
78) Pyrene	19.84	202	1255848	42.728 ng	99
80) Butylbenzylphthalate	20.73	149	474516	42.533 ng	99
81) Benzo(a)anthracene	21.68	228	1301302	42.411 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	439206	36.496 ng	99
83) Chrysene	21.75	228	1255348	42.160 ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	679052	42.776 ng	98
85) Di-n-octyl phthalate	22.81	149	1156489	44.551 ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1642117	44.300 ng	99
88) Benzo(b)fluoranthene	23.91	252	1375530	47.138 ng	99
89) Benzo(k)fluoranthene	23.97	252	1375373	47.644 ng	99
90) Benzo(a)pyrene	24.78	252	1355760	49.245 ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1402585	49.683 ng	100
92) Benzo(g,h,i)perylene	29.76	276	1362980	49.829 ng	98

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

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