Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042812.D
Acq On : 13 Sep 2019 11:33
Operator : HP/JU
Sample : PB123017BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123017BS

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:48 AM

Quant Time: Sep 13 14:13:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	72220	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	290699	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	198028	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	471237	20.00	ng		0.00
76) Chrysene-d12	21.75	240	511154	20.00	ng		0.00
87) Perylene-d12	25.03	264	562606	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	502174	120.89	ng		0.00
7) Phenol-d6	7.27	99	691707	116.01	ng		0.00
23) Nitrobenzene-d5	9.27	82	398910	71.44	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	298717	113.38	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	886855	70.89	ng		0.00
79) Terphenyl-d14	20.09	244	1613632	69.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	73540	38.791	ng		96
3) Pyridine	3.98	79	195762	34.296	ng		97
4) n-Nitrosodimethylamine	3.89	42	117208	42.199	ng		97
6) Aniline	7.44	93	253983	31.572	ng		97
8) 2-Chlorophenol	7.68	128	201763	44.933	ng		99
9) Benzaldehyde	7.25	77	145969	37.620	ng		91
10) Phenol	7.29	94	278050	45.473	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	193195	41.168	ng		99
12) 1,3-Dichlorobenzene	8.01	146	211370	38.594	ng		99
13) 1,4-Dichlorobenzene	8.15	146	220182	40.156	ng		99
14) 1,2-Dichlorobenzene	8.48	146	200240	38.364	ng		99
15) Benzyl Alcohol	8.35	79	215263	42.069	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	417123	40.476	ng		97
17) 2-Methylphenol	8.55	107	181112	44.273	ng		98
18) Hexachloroethane	9.21	117	80017	39.527	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	178697	40.673	ng	#	94
20) 3+4-Methylphenols	8.88	107	243815	43.237	ng		94
22) Acetophenone	8.93	105	307440	41.876	ng		99
24) Nitrobenzene	9.32	77	250614	42.761	ng		98
25) Isophorone	9.84	82	478475	41.111	ng		98
26) 2-Nitrophenol	10.03	139	103948	45.104	ng		96
27) 2,4-Dimethylphenol	10.09	122	201237	49.362	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	266706	41.091	ng		97
29) 2,4-Dichlorophenol	10.57	162	209682	44.261	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	227957	39.412	ng		99
31) Naphthalene	10.98	128	596295	41.546	ng		100
32) Benzoic acid	10.20	122	110854	35.406	ng		99
33) 4-Chloroaniline	11.07	127	160007	23.851	ng		100
34) Hexachlorobutadiene	11.27	225	153900	37.977	ng		94
35) Caprolactam	11.84	113	72552m	41.183	ng		
36) 4-Chloro-3-methylphenol	12.18	107	225410	43.822	ng		97
37) 2-Methylnaphthalene	12.57	142	444502	41.343	ng		100
38) 1-Methylnaphthalene	12.79	142	419273	41.578	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	270375	41.318	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	368290	98.244	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	186083	42.714	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	197462	44.251	ng		95
46) 1,1'-Biphenyl	13.58	154	592318	42.726	ng		99
47) 2-Chloronaphthalene	13.62	162	465466	40.588	ng		98
48) 2-Nitroaniline	13.80	65	167900	42.205	ng		97
49) Acenaphthylene	14.46	152	761847	43.472	ng		97
50) Dimethylphthalate	14.19	163	600371	40.471	ng		99
51) 2,6-Dinitrotoluene	14.30	165	134658	44.238	ng		93
52) Acenaphthene	14.80	154	475837	41.561	ng		98
53) 3-Nitroaniline	14.62	138	99275	29.059	ng		99
54) 2,4-Dinitrophenol	14.83	184	59741	39.867	ng	#	84
55) Dibenzofuran	15.13	168	715454	42.041	ng		98
56) 4-Nitrophenol	14.92	139	230415	87.231	ng		98
57) 2,4-Dinitrotoluene	15.08	165	179863	44.330	ng	#	99
58) Fluorene	15.78	166	591099	41.911	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	192904	44.595	ng		100
60) Diethylphthalate	15.55	149	600545	39.881	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	336557	40.359	ng		97
62) 4-Nitroaniline	15.78	138	148425	40.306	ng		96
63) Azobenzene	16.07	77	619403	42.715	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	64553	32.015	ng		97
66) n-Nitrosodiphenylamine	15.98	169	532529	41.996	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	228490	40.060	ng		97
68) Hexachlorobenzene	16.79	284	233776	38.358	ng		98
69) Atrazine	16.92	200	203139	46.003	ng		97
70) Pentachlorophenol	17.12	266	295333	81.686	ng		95
71) Phenanthrene	17.52	178	944751	41.921	ng		99
72) Anthracene	17.61	178	968703	43.025	ng		99
73) Carbazole	17.87	167	906594	42.365	ng		98
74) Di-n-butylphthalate	18.44	149	1050310	40.972	ng		99
75) Fluoranthene	19.52	202	1265810	43.338	ng		99
77) Benzidine	19.69	184	593002	41.524	ng		100
78) Pyrene	19.89	202	1279364	39.978	ng		100
80) Butylbenzylphthalate	20.77	149	515629	39.813	ng		99
81) Benzo(a)anthracene	21.74	228	1316518	40.508	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	350648	27.763	ng		99
83) Chrysene	21.80	228	1255919	40.797	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	726206	41.037	ng		99
85) Di-n-octyl phthalate	22.89	149	1241219	41.144	ng		100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1576714	41.359	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1383395	41.877	ng		99
89) Benzo(k)fluoranthene	24.06	252	1335100	42.784	ng		100
90) Benzo(a)pyrene	24.87	252	1349926	43.641	ng		100
91) Dibenzo(a,h)anthracene	28.83	278	1305951	42.925	ng		99
92) Benzo(g,h,i)perylene	29.93	276	1293549	43.590	ng		96

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

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