Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042940.D
Acq On : 30 Sep 2019 13:03
Operator : JU
Sample : PB123461BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123461BS

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:11 AM

Quant Time: Oct 01 07:26:43 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	66842	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	254626	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	182584	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	436124	20.00	ng		0.00
76) Chrysene-d12	21.71	240	536728	20.00	ng		0.00
87) Perylene-d12	24.94	264	552655	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	432251	115.41	ng		0.00
7) Phenol-d6	7.25	99	591829	109.73	ng		0.00
23) Nitrobenzene-d5	9.23	82	356421	68.04	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	332623	105.94	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	865282	68.70	ng		0.00
79) Terphenyl-d14	20.04	244	1761774	69.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	57216	36.640	ng		98
3) Pyridine	3.95	79	138415	31.514	ng		98
4) n-Nitrosodimethylamine	3.86	42	93249	44.149	ng	#	94
6) Aniline	7.40	93	219855	33.768	ng		98
8) 2-Chlorophenol	7.64	128	178355	45.662	ng		95
9) Benzaldehyde	7.21	77	102964	31.240	ng		92
10) Phenol	7.27	94	227952	46.065	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	164587	42.987	ng		98
12) 1,3-Dichlorobenzene	7.96	146	198227	39.782	ng		100
13) 1,4-Dichlorobenzene	8.11	146	205042	41.279	ng		98
14) 1,2-Dichlorobenzene	8.43	146	194903	41.214	ng		94
15) Benzyl Alcohol	8.32	79	175836	43.361	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	291229	39.607	ng		99
17) 2-Methylphenol	8.52	107	152742	44.113	ng		97
18) Hexachloroethane	9.16	117	72931	38.985	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	142302	40.180	ng		99
20) 3+4-Methylphenols	8.85	107	210321	44.324	ng		99
22) Acetophenone	8.89	105	271432	41.355	ng	#	97
24) Nitrobenzene	9.27	77	219854	43.998	ng		98
25) Isophorone	9.80	82	395106	42.937	ng		99
26) 2-Nitrophenol	9.99	139	97166	45.679	ng		96
27) 2,4-Dimethylphenol	10.05	122	165681	50.718	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	219421	42.028	ng		98
29) 2,4-Dichlorophenol	10.53	162	187939	46.258	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	218178	41.584	ng		98
31) Naphthalene	10.93	128	544070	43.407	ng		99
32) Benzoic acid	10.19	122	96311	39.438	ng		97
33) 4-Chloroaniline	11.04	127	136413	25.081	ng		98
34) Hexachlorobutadiene	11.21	225	160674	40.900	ng		98
35) Caprolactam	11.81	113	61494m	42.920	ng		
36) 4-Chloro-3-methylphenol	12.15	107	201044	45.511	ng		98
37) 2-Methylnaphthalene	12.52	142	414159	43.313	ng		96
38) 1-Methylnaphthalene	12.75	142	383561	42.392	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	273379	39.822	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	12.88	237	386853	88.442 ng	98
43) 2,4,6-Trichlorophenol	13.13	196	176248	43.863 ng	97
44) 2,4,5-Trichlorophenol	13.21	196	186740	45.114 ng	97
46) 1,1'-Biphenyl	13.53	154	550681	39.771 ng	99
47) 2-Chloronaphthalene	13.57	162	438393	42.230 ng	99
48) 2-Nitroaniline	13.78	65	146342	42.391 ng	93
49) Acenaphthylene	14.42	152	695667	43.795 ng	98
50) Dimethylphthalate	14.15	163	558272	40.808 ng	99
51) 2,6-Dinitrotoluene	14.26	165	126624	43.464 ng	98
52) Acenaphthene	14.76	154	418543	39.365 ng	98
53) 3-Nitroaniline	14.60	138	94603	31.422 ng	96
54) 2,4-Dinitrophenol	14.80	184	164629	90.911 ng	93
55) Dibenzofuran	15.09	168	681747	43.345 ng	98
56) 4-Nitrophenol	14.91	139	209938	91.515 ng	94
57) 2,4-Dinitrotoluene	15.05	165	182085	42.680 ng	98
58) Fluorene	15.74	166	574111	42.754 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	193073	43.808 ng	99
60) Diethylphthalate	15.51	149	575236	41.317 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	330920	41.091 ng	99
62) 4-Nitroaniline	15.76	138	138632	42.219 ng	96
63) Azobenzene	16.03	77	542069	42.765 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	117540	47.628 ng	97
66) n-Nitrosodiphenylamine	15.94	169	511370	44.416 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	230148	42.046 ng	99
68) Hexachlorobenzene	16.74	284	247117	40.546 ng	98
69) Atrazine	16.89	200	200555	41.368 ng	95
70) Pentachlorophenol	17.09	266	333178	94.740 ng	99
71) Phenanthrene	17.48	178	930051	43.681 ng	98
72) Anthracene	17.57	178	950577	44.721 ng	100
73) Carbazole	17.84	167	897390	45.527 ng	99
74) Di-n-butylphthalate	18.40	149	1041416	44.283 ng	100
75) Fluoranthene	19.49	202	1314330	46.670 ng	99
77) Benzidine	19.66	184	427224	31.790 ng	98
78) Pyrene	19.84	202	1339023	41.798 ng	99
80) Butylbenzylphthalate	20.73	149	518231	42.618 ng	98
81) Benzo(a)anthracene	21.69	228	1407775	42.095 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	481417	36.702 ng	98
83) Chrysene	21.75	228	1380994	42.552 ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	731994	42.305 ng	98
85) Di-n-octyl phthalate	22.82	149	1219503	43.102 ng	100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1732191	42.873 ng	100
88) Benzo(b)fluoranthene	23.92	252	1483448	47.439 ng	99
89) Benzo(k)fluoranthene	23.98	252	1457086	47.101 ng	99
90) Benzo(a)pyrene	24.79	252	1441113	48.847 ng	98
91) Dibenzo(a,h)anthracene	28.69	278	1462194	48.333 ng	98
92) Benzo(g,h,i)perylene	29.77	276	1431466	48.835 ng	98

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

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