Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040726.D
Acq On : 3 May 2019 15:58
Operator : JU/SJ
Sample : PB119443BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119443BS

Manual Integrations APPROVED
mohammad
5/7/2019 11:58:24 PM

Quant Time: May 04 07:01:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60656	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	250392	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	189084	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	536622	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	537342	20.00	ng		-0.02
87) Perylene-d12	25.16	264	472943	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	530473	154.16	ng		0.00
7) Phenol-d6	7.29	99	744044	140.44	ng		0.00
23) Nitrobenzene-d5	9.32	82	453994	83.78	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	418698	161.10	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	952560	72.76	ng		-0.02
79) Terphenyl-d14	20.12	244	1983370	81.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	48005	30.676	ng		92
3) Pyridine	3.95	79	125658	27.703	ng		98
4) n-Nitrosodimethylamine	3.87	42	91548	36.388	ng		94
6) Aniline	7.47	93	205074	29.203	ng		98
8) 2-Chlorophenol	7.70	128	170383	40.552	ng		97
9) Benzaldehyde	7.28	77	79988	21.488	ng		96
10) Phenol	7.31	94	236488	41.524	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	160907	37.677	ng		97
12) 1,3-Dichlorobenzene	8.03	146	167258	36.472	ng		97
13) 1,4-Dichlorobenzene	8.18	146	174903	37.622	ng		97
14) 1,2-Dichlorobenzene	8.50	146	169808	37.875	ng		98
15) Benzyl Alcohol	8.38	79	203449	36.905	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	282322	33.204	ng		94
17) 2-Methylphenol	8.58	107	165392	41.036	ng		94
18) Hexachloroethane	9.24	117	68236	35.781	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	160321	33.616	ng		93
20) 3+4-Methylphenols	8.90	107	221580	39.464	ng		98
22) Acetophenone	8.98	105	285693	41.032	ng	#	93
24) Nitrobenzene	9.36	77	241245	41.725	ng		96
25) Isophorone	9.89	82	441478	36.574	ng		98
26) 2-Nitrophenol	10.08	139	100123	48.310	ng		96
27) 2,4-Dimethylphenol	10.12	122	180026	46.296	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	225391	37.217	ng		98
29) 2,4-Dichlorophenol	10.60	162	200627	45.382	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	209971	42.830	ng		97
31) Naphthalene	11.02	128	530998	39.917	ng		99
32) Benzoic acid	10.25	122	138066	51.864	ng	#	82
33) 4-Chloroaniline	11.13	127	143051	24.254	ng		95
34) Hexachlorobutadiene	11.29	225	149407	41.280	ng		98
35) Caprolactam	11.92	113	71976m	41.238	ng		
36) 4-Chloro-3-methylphenol	12.23	107	239732	42.986	ng		99
37) 2-Methylnaphthalene	12.61	142	399199	40.137	ng		99
38) 1-Methylnaphthalene	12.83	142	382945	39.391	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	270744	38.437	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	12.94	237	278811	67.079 ng		99
43) 2,4,6-Trichlorophenol	13.21	196	191803	45.060 ng		96
44) 2,4,5-Trichlorophenol	13.28	196	207239	44.692 ng		98
46) 1,1'-Biphenyl	13.61	154	540233	36.799 ng		96
47) 2-Chloronaphthalene	13.66	162	444918	38.726 ng		97
48) 2-Nitroaniline	13.87	65	194838	47.642 ng		95
49) Acenaphthylene	14.51	152	716712	36.769 ng		99
50) Dimethylphthalate	14.22	163	615905	38.931 ng		99
51) 2,6-Dinitrotoluene	14.35	165	140485	45.499 ng		94
52) Acenaphthene	14.84	154	425931	37.522 ng		97
53) 3-Nitroaniline	14.69	138	115367	36.467 ng	#	90
54) 2,4-Dinitrophenol	14.89	184	175651	99.038 ng		92
55) Dibenzofuran	15.18	168	728253	39.168 ng		99
56) 4-Nitrophenol	14.98	139	258421	94.204 ng		94
57) 2,4-Dinitrotoluene	15.13	165	213135	50.800 ng		92
58) Fluorene	15.82	166	588636	39.169 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	229323	49.135 ng		97
60) Diethylphthalate	15.58	149	665196	39.852 ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	363704	41.612 ng		96
62) 4-Nitroaniline	15.85	138	162696	45.974 ng		91
63) Azobenzene	16.10	77	643606	37.441 ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	122487	46.573 ng		88
66) n-Nitrosodiphenylamine	16.02	169	563144	35.669 ng		97
67) 4-Bromophenyl-phenylether	16.70	248	247514	37.022 ng		97
68) Hexachlorobenzene	16.81	284	255561	36.969 ng		96
69) Atrazine	16.96	200	243369	38.907 ng		98
70) Pentachlorophenol	17.16	266	353542	87.398 ng		97
71) Phenanthrene	17.57	178	1075302	37.203 ng		98
72) Anthracene	17.66	178	1099662	37.850 ng		99
73) Carbazole	17.93	167	995103	37.594 ng		99
74) Di-n-butylphthalate	18.46	149	1208530	37.827 ng		100
75) Fluoranthene	19.56	202	1426358	39.600 ng		99
77) Benzidine	19.74	184	445894	30.307 ng		99
78) Pyrene	19.93	202	1413228	41.963 ng		97
80) Butylbenzylphthalate	20.79	149	552590	42.098 ng		100
81) Benzo(a)anthracene	21.79	228	1358427	40.000 ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	424607	35.079 ng		99
83) Chrysene	21.86	228	1332311	41.251 ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	766574	40.457 ng		97
85) Di-n-octyl phthalate	22.92	149	1303853	40.860 ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1553508	39.784 ng	#	90
88) Benzo(b)fluoranthene	24.09	252	1396282	48.313 ng		98
89) Benzo(k)fluoranthene	24.16	252	1376341	50.993 ng		98
90) Benzo(a)pyrene	25.01	252	1356007	49.567 ng		98
91) Dibenzo(a,h)anthracene	29.10	278	1249803	45.145 ng	#	97
92) Benzo(g,h,i)perylene	30.25	276	1264057	45.878 ng		100

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

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