Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042998.D
Acq On : 2 Oct 2019 23:35
Operator : JU
Sample : K5133-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-1MSD

Manual Integrations APPROVED
mohammad
10/4/2019 8:18:07 AM

Quant Time: Oct 03 05:46:06 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	63758	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	235526	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	170107	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	412716	20.00	ng		0.00
76) Chrysene-d12	21.70	240	446566	20.00	ng		-0.01
87) Perylene-d12	24.93	264	529910	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	466194	130.49	ng		0.00
7) Phenol-d6	7.24	99	674947	131.19	ng		0.00
23) Nitrobenzene-d5	9.23	82	423161	87.33	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	406768	139.06	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	972758	82.90	ng		-0.01
79) Terphenyl-d14	20.04	244	1769849	84.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	56463	37.906	ng		96
3) Pyridine	3.95	79	147838	35.288	ng		95
4) n-Nitrosodimethylamine	3.86	42	89728	44.537	ng		87
6) Aniline	7.40	93	199223	32.079	ng		99
8) 2-Chlorophenol	7.64	128	187298	50.271	ng		97
9) Benzaldehyde	7.21	77	123293	39.217	ng		92
10) Phenol	7.27	94	248532	52.653	ng		94
11) bis(2-Chloroethyl)ether	7.49	93	163738	44.833	ng		96
12) 1,3-Dichlorobenzene	7.96	146	212406	44.690	ng		96
13) 1,4-Dichlorobenzene	8.11	146	212872	44.928	ng		96
14) 1,2-Dichlorobenzene	8.42	146	205196	45.489	ng		97
15) Benzyl Alcohol	8.31	79	188083	48.625	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	270190	38.523	ng		99
17) 2-Methylphenol	8.52	107	161350	48.853	ng		95
18) Hexachloroethane	9.15	117	78364	43.916	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	149268	44.185	ng	#	96
20) 3+4-Methylphenols	8.84	107	222062	49.062	ng		97
22) Acetophenone	8.89	105	281103	46.302	ng	#	97
24) Nitrobenzene	9.27	77	231156	50.012	ng		97
25) Isophorone	9.79	82	414345	48.680	ng		99
26) 2-Nitrophenol	9.98	139	109532	55.668	ng		97
27) 2,4-Dimethylphenol	10.05	122	179203	59.306	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	227279	47.063	ng		98
29) 2,4-Dichlorophenol	10.52	162	208759	55.550	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	235645	48.556	ng		97
31) Naphthalene	10.92	128	585510	50.501	ng		99
32) Benzoic acid	10.19	122	126998	52.879	ng		91
33) 4-Chloroaniline	11.03	127	113500	22.560	ng		94
34) Hexachlorobutadiene	11.21	225	168240	46.299	ng		95
35) Caprolactam	11.81	113	66848m	50.441	ng		
36) 4-Chloro-3-methylphenol	12.15	107	223664	54.738	ng		94
37) 2-Methylnaphthalene	12.52	142	439784	49.722	ng		95
38) 1-Methylnaphthalene	12.74	142	419761	50.155	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	292377	45.713	ng		98

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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	12.87	237	351434	86.238	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	195767	52.295	ng		94
44) 2,4,5-Trichlorophenol	13.20	196	212494	55.101	ng		99
46) 1,1'-Biphenyl	13.52	154	606090	46.984	ng		98
47) 2-Chloronaphthalene	13.57	162	479145	49.541	ng		99
48) 2-Nitroaniline	13.77	65	155192	48.252	ng		90
49) Acenaphthylene	14.41	152	769596	52.002	ng		99
50) Dimethylphthalate	14.15	163	747001	58.609	ng		100
51) 2,6-Dinitrotoluene	14.26	165	144253	53.147	ng		96
52) Acenaphthene	14.75	154	477158	48.169	ng		98
53) 3-Nitroaniline	14.59	138	92110	32.837	ng	#	99
54) 2,4-Dinitrophenol	14.79	184	168432	99.834	ng		94
55) Dibenzofuran	15.09	168	748583	51.085	ng		98
56) 4-Nitrophenol	14.91	139	235966	110.406	ng		95
57) 2,4-Dinitrotoluene	15.05	165	207470	52.197	ng		98
58) Fluorene	15.73	166	630504	50.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	214223	52.172	ng		98
60) Diethylphthalate	15.50	149	622679	48.005	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	368236	49.078	ng		99
62) 4-Nitroaniline	15.76	138	150717	49.266	ng		94
63) Azobenzene	16.02	77	572188	48.452	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	126432	54.137	ng		94
66) n-Nitrosodiphenylamine	15.94	169	563233	51.696	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	257092	49.632	ng		96
68) Hexachlorobenzene	16.74	284	283374	49.132	ng		98
69) Atrazine	16.88	200	218227	47.566	ng		96
70) Pentachlorophenol	17.08	266	367990	110.573	ng		98
71) Phenanthrene	17.47	178	1018629	50.555	ng		98
72) Anthracene	17.57	178	1038881	51.647	ng		99
73) Carbazole	17.84	167	949023	50.878	ng		100
74) Di-n-butylphthalate	18.39	149	1080527	48.551	ng		99
75) Fluoranthene	19.48	202	1323973	49.679	ng		100
77) Benzidine	19.66	184	717894	64.203	ng		99
78) Pyrene	19.84	202	1327929	49.821	ng		98
80) Butylbenzylphthalate	20.73	149	510568	50.466	ng		98
81) Benzo(a)anthracene	21.68	228	1377017	49.488	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	350386	32.106	ng		99
83) Chrysene	21.75	228	1337190	49.521	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	736276	51.144	ng		97
85) Di-n-octyl phthalate	22.81	149	1242976	52.801	ng		98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1778249	52.900	ng		99
88) Benzo(b)fluoranthene	23.91	252	1465281	48.869	ng		98
89) Benzo(k)fluoranthene	23.97	252	1433325	48.322	ng		99
90) Benzo(a)pyrene	24.78	252	1461941	51.680	ng		100
91) Dibenzo(a,h)anthracene	28.66	278	1507872	51.982	ng		99
92) Benzo(g,h,i)perylene	29.75	276	1488958	52.977	ng		98

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

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