Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045506.D
Acq On : 28 May 2020 20:58
Operator : CG/JU
Sample : L2498-16MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MSD

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:09 PM

Quant Time: May 29 01:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	75965	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	316975	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	230412	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	504830	20.00	ng		0.00
76) Chrysene-d12	21.61	240	440819	20.00	ng		0.00
87) Perylene-d12	24.76	264	484082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	550121	141.53	ng		0.00
7) Phenol-d6	7.17	99	712199	128.73	ng		0.00
23) Nitrobenzene-d5	9.12	82	599789	103.19	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	446159	151.41	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1368962	100.78	ng		0.00
79) Terphenyl-d14	19.96	244	2037478	107.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	66658	34.582	ng	#	39
3) Pyridine	3.82	79	122841	22.882	ng		94
4) n-Nitrosodimethylamine	3.72	42	74251	42.268	ng		98
6) Aniline	7.29	93	228543	31.645	ng		97
8) 2-Chlorophenol	7.54	128	225201	52.831	ng		98
9) Benzaldehyde	7.09	77	112552	31.225	ng		96
10) Phenol	7.20	94	237155	41.592	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	213047	47.902	ng		98
12) 1,3-Dichlorobenzene	7.85	146	231651	45.222	ng		98
13) 1,4-Dichlorobenzene	7.99	146	238636	47.206	ng		99
14) 1,2-Dichlorobenzene	8.31	146	225908	46.463	ng		97
15) Benzyl Alcohol	8.21	79	238574	52.200	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	193872	45.922	ng		97
17) 2-Methylphenol	8.44	107	200481	46.974	ng		96
18) Hexachloroethane	9.04	117	90328	46.654	ng		88
19) n-Nitroso-di-n-propylamine	8.77	70	195682	51.148	ng		97
20) 3+4-Methylphenols	8.77	107	266071	45.782	ng	#	78
22) Acetophenone	8.78	105	353630	47.071	ng	#	98
24) Nitrobenzene	9.17	77	292162	46.913	ng		99
25) Isophorone	9.69	82	553962	48.392	ng		98
26) 2-Nitrophenol	9.88	139	131977	49.539	ng		93
27) 2,4-Dimethylphenol	9.96	122	221548	56.070	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	299024	49.809	ng		99
29) 2,4-Dichlorophenol	10.43	162	246173	52.759	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	266387	48.315	ng		97
31) Naphthalene	10.82	128	733734	49.675	ng		99
32) Benzoic acid	10.14	122	113352	43.395	ng		89
33) 4-Chloroaniline	10.93	127	64887	10.509	ng		97
34) Hexachlorobutadiene	11.11	225	181073	46.460	ng		97
35) Caprolactam	11.70	113	60123m	35.105	ng		
36) 4-Chloro-3-methylphenol	12.09	107	278950	53.054	ng		99
37) 2-Methylnaphthalene	12.43	142	554896	50.403	ng		97
38) 1-Methylnaphthalene	12.64	142	525362	50.517	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	323615	50.284	ng		99

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Quant Time: May 29 01:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	271251	73.023 ng		99
43) 2,4,6-Trichlorophenol	13.05	196	222315	49.727 ng		98
44) 2,4,5-Trichlorophenol	13.14	196	234670	45.934 ng		97
46) 1,1'-Biphenyl	13.44	154	711651	50.266 ng		100
47) 2-Chloronaphthalene	13.48	162	543029	47.234 ng		100
48) 2-Nitroaniline	13.68	65	177176	46.850 ng	#	87
49) Acenaphthylene	14.32	152	903058	48.902 ng		99
50) Dimethylphthalate	14.06	163	888682	56.224 ng		99
51) 2,6-Dinitrotoluene	14.18	165	167586	46.987 ng		98
52) Acenaphthene	14.67	154	640738m	51.835 ng		
53) 3-Nitroaniline	14.51	138	91610	25.267 ng		93
54) 2,4-Dinitrophenol	14.72	184	162577	70.295 ng		98
55) Dibenzofuran	15.00	168	869827	47.385 ng		98
56) 4-Nitrophenol	14.87	139	195226	71.121 ng		90
57) 2,4-Dinitrotoluene	14.97	165	236491	45.783 ng		96
58) Fluorene	15.65	166	709873	47.071 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	216749	48.224 ng		98
60) Diethylphthalate	15.42	149	745941	45.342 ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	400154	46.369 ng		99
62) 4-Nitroaniline	15.68	138	152220	40.216 ng		96
63) Azobenzene	15.94	77	710576	46.321 ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	135514	46.091 ng		99
66) n-Nitrosodiphenylamine	15.86	169	633412	52.258 ng		98
67) 4-Bromophenyl-phenylether	16.54	248	272331	49.818 ng		98
68) Hexachlorobenzene	16.66	284	296163	51.799 ng		98
69) Atrazine	16.81	200	236461	47.363 ng		99
70) Pentachlorophenol	17.01	266	289667	97.572 ng		96
71) Phenanthrene	17.40	178	1099323	49.882 ng		99
72) Anthracene	17.48	178	1128731	51.000 ng		96
73) Carbazole	17.76	167	1012027	46.911 ng		99
74) Di-n-butylphthalate	18.31	149	1198273	46.277 ng		99
75) Fluoranthene	19.40	202	1299162	46.346 ng		100
77) Benzidine	19.58	184	325220	26.268 ng		100
78) Pyrene	19.76	202	1287835	51.250 ng		99
80) Butylbenzylphthalate	20.65	149	521583	48.089 ng		97
81) Benzo(a)anthracene	21.59	228	1238026	50.415 ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	270040	28.034 ng		97
83) Chrysene	21.65	228	1156298	48.971 ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	726677	48.739 ng		99
85) Di-n-octyl phthalate	22.69	149	1214172	47.415 ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1548237	50.142 ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1321222	50.891 ng		99
89) Benzo(k)fluoranthene	23.83	252	1223288	50.154 ng		98
90) Benzo(a)pyrene	24.61	252	1190541	49.239 ng		100
91) Dibenzo(a,h)anthracene	28.40	278	1257539	51.756 ng		100
92) Benzo(g,h,i)perylene	29.45	276	1293194	53.217 ng		99

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

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