Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040942.D
Acq On : 29 May 2019 18:04
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
5/30/2019 1:27:56 PM

Quant Time: May 29 18:41:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:09:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55162	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	237284	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	175907	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	439496	20.00	ng		0.00
76) Chrysene-d12	21.79	240	423365	20.00	ng		0.00
87) Perylene-d12	25.13	264	465882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	601376	192.18	ng		0.00
7) Phenol-d6	7.28	99	918684	190.67	ng		0.01
23) Nitrobenzene-d5	9.32	82	1053067	205.06	ng		0.01
42) 2,4,6-Tribromophenol	16.25	330	540745	223.64	ng		0.00
45) 2-Fluorobiphenyl	13.39	172	2256073	185.22	ng		0.00
79) Terphenyl-d14	20.10	244	3206278	167.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	131856	92.651	ng		98
3) Pyridine	3.94	79	408196	98.956	ng		99
4) n-Nitrosodimethylamine	3.86	42	203325	88.865	ng	#	88
6) Aniline	7.46	93	614738	96.259	ng		95
8) 2-Chlorophenol	7.69	128	354968	92.899	ng		96
9) Benzaldehyde	7.27	77	236176	79.057	ng		88
10) Phenol	7.31	94	490187	94.643	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	359705	92.614	ng		99
12) 1,3-Dichlorobenzene	8.02	146	428634	102.776	ng		98
13) 1,4-Dichlorobenzene	8.17	146	432200	102.228	ng		96
14) 1,2-Dichlorobenzene	8.49	146	415403	101.883	ng		97
15) Benzyl Alcohol	8.37	79	443958	88.554	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	599816	77.570	ng		97
17) 2-Methylphenol	8.56	107	355366	96.953	ng		98
18) Hexachloroethane	9.22	117	170975	98.585	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	368690	85.005	ng		96
20) 3+4-Methylphenols	8.90	107	500678	98.055	ng		99
22) Acetophenone	8.96	105	656646	99.518	ng	#	97
24) Nitrobenzene	9.36	77	541023	98.743	ng		98
25) Isophorone	9.88	82	1022006	89.345	ng		98
26) 2-Nitrophenol	10.06	139	235812	120.066	ng		92
27) 2,4-Dimethylphenol	10.10	122	370806	100.625	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	546885	95.291	ng		98
29) 2,4-Dichlorophenol	10.59	162	461359	110.125	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	531880	114.486	ng		97
31) Naphthalene	11.01	128	1227386	97.364	ng		98
32) Benzoic acid	10.30	122	335564	133.018	ng		96
33) 4-Chloroaniline	11.11	127	582213	104.166	ng		97
34) Hexachlorobutadiene	11.27	225	410308	119.628	ng		98
35) Caprolactam	11.95	113	156069m	94.358	ng		
36) 4-Chloro-3-methylphenol	12.22	107	526535	99.628	ng		98
37) 2-Methylnaphthalene	12.60	142	955036	101.327	ng		99
38) 1-Methylnaphthalene	12.82	142	900104	97.702	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	697714	106.473	ng		99

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Quant Time: May 29 18:41:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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	12.92	237	397114	102.699 ng		97
43) 2,4,6-Trichlorophenol	13.19	196	457120	115.434 ng		96
44) 2,4,5-Trichlorophenol	13.27	196	478329	110.882 ng		98
46) 1,1'-Biphenyl	13.60	154	1272367	93.162 ng		97
47) 2-Chloronaphthalene	13.65	162	1088209	101.813 ng		95
48) 2-Nitroaniline	13.86	65	411634	108.193 ng		97
49) Acenaphthylene	14.49	152	1603511	88.426 ng		96
50) Dimethylphthalate	14.22	163	1423325	96.708 ng		98
51) 2,6-Dinitrotoluene	14.35	165	321986	112.094 ng		98
52) Acenaphthene	14.83	154	989922	93.738 ng		96
53) 3-Nitroaniline	14.68	138	323870	110.041 ng		97
54) 2,4-Dinitrophenol	14.88	184	186289	131.586 ng		94
55) Dibenzofuran	15.16	168	1618086	93.545 ng		96
56) 4-Nitrophenol	14.97	139	236459	92.655 ng		93
57) 2,4-Dinitrotoluene	15.13	165	465462	119.251 ng		98
58) Fluorene	15.81	166	1308980	93.627 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	471912	108.687 ng		98
60) Diethylphthalate	15.57	149	1451132	93.449 ng		95
61) 4-Chlorophenyl-phenylether	15.79	204	876776	107.827 ng		98
62) 4-Nitroaniline	15.85	138	343518	104.340 ng		93
63) Azobenzene	16.09	77	1299109	81.235 ng		94
65) 4,6-Dinitro-2-methylphenol	15.89	198	266423	131.718 ng		97
66) n-Nitrosodiphenylamine	16.01	169	1193904	92.333 ng		97
67) 4-Bromophenyl-phenylether	16.69	248	587937	107.376 ng		95
68) Hexachlorobenzene	16.80	284	625404	110.462 ng		97
69) Atrazine	16.95	200	362477	70.755 ng		98
70) Pentachlorophenol	17.14	266	339885	102.590 ng		97
71) Phenanthrene	17.55	178	2077873	87.776 ng	#	92
72) Anthracene	17.64	178	2055838	86.399 ng	#	92
73) Carbazole	17.91	167	1805212	83.271 ng		95
74) Di-n-butylphthalate	18.44	149	2187405	83.597 ng	#	93
75) Fluoranthene	19.55	202	2480314	84.079 ng		92
77) Benzidine	19.73	184	860883	74.266 ng		97
78) Pyrene	19.92	202	2462949	92.820 ng	#	89
80) Butylbenzylphthalate	20.78	149	1061072	102.599 ng		97
81) Benzo(a)anthracene	21.77	228	2571055	96.089 ng	#	90
82) 3,3'-Dichlorobenzidine	21.68	252	961218	100.789 ng		98
83) Chrysene	21.84	228	2462395	96.767 ng	#	89
84) Bis(2-ethylhexyl)phthalate	21.64	149	1464639	98.109 ng		96
85) Di-n-octyl phthalate	22.88	149	2433390	96.786 ng		97
86) Indeno(1,2,3-cd)pyrene	28.99	276	3394746	110.340 ng	#	99
88) Benzo(b)fluoranthene	24.07	252	2720160	95.547 ng		96
89) Benzo(k)fluoranthene	24.14	252	2647704	99.584 ng		95
90) Benzo(a)pyrene	24.99	252	2615383	97.051 ng		99
91) Dibenzo(a,h)anthracene	29.07	278	2707918	99.296 ng		99
92) Benzo(g,h,i)perylene	30.22	276	2658813	97.962 ng		99

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

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