Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041469.D
Acq On : 26 Jun 2019 14:06
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:53 AM

Quant Time: Jun 26 14:50:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 13:18:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29377	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	112530	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	81001	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	210463	20.00	ng		0.00
76) Chrysene-d12	21.71	240	222684	20.00	ng		0.00
87) Perylene-d12	24.99	264	248953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	321634	201.17	ng		0.00
7) Phenol-d6	7.19	99	453746	195.79	ng		0.00
23) Nitrobenzene-d5	9.22	82	539903	201.78	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	260754	209.69	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1205679	202.31	ng		0.00
79) Terphenyl-d14	20.03	244	2044197	181.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	73061	91.130	ng		95
3) Pyridine	3.83	79	180416	84.828	ng		97
4) n-Nitrosodimethylamine	3.75	42	115536	101.865	ng	#	92
6) Aniline	7.36	93	293891	91.233	ng		98
8) 2-Chlorophenol	7.59	128	185608	98.800	ng		94
9) Benzaldehyde	7.17	77	97869	66.025	ng		88
10) Phenol	7.22	94	239028	95.913	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	195194	103.227	ng		99
12) 1,3-Dichlorobenzene	7.92	146	239293	101.730	ng		99
13) 1,4-Dichlorobenzene	8.07	146	237341	98.778	ng		98
14) 1,2-Dichlorobenzene	8.39	146	229617	100.051	ng		96
15) Benzyl Alcohol	8.28	79	204783	92.227	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	257668	83.240	ng		97
17) 2-Methylphenol	8.48	107	170584	95.743	ng		95
18) Hexachloroethane	9.11	117	94292	99.030	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	174309	92.995	ng		97
20) 3+4-Methylphenols	8.82	107	242485	102.235	ng		96
22) Acetophenone	8.87	105	335161	102.350	ng		98
24) Nitrobenzene	9.26	77	269337	100.087	ng		97
25) Isophorone	9.78	82	487139	99.235	ng		99
26) 2-Nitrophenol	9.97	139	118172	108.316	ng		93
27) 2,4-Dimethylphenol	10.02	122	161537	98.778	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	258128	100.919	ng		98
29) 2,4-Dichlorophenol	10.51	162	220509	108.748	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	271753	104.643	ng		100
31) Naphthalene	10.91	128	628014	102.686	ng		99
32) Benzoic acid	10.25	122	129632	121.770	ng		92
33) 4-Chloroaniline	11.03	127	268807	103.491	ng		98
34) Hexachlorobutadiene	11.17	225	214583	104.097	ng		98
35) Caprolactam	11.85	113	66498m	95.260	ng		
36) 4-Chloro-3-methylphenol	12.15	107	235243	100.438	ng		98
37) 2-Methylnaphthalene	12.51	142	465830	103.416	ng		94
38) 1-Methylnaphthalene	12.73	142	437945	101.619	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	346049	103.460	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	218191	96.844	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	208096	100.573	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	214749	100.869	ng		99
46) 1,1'-Biphenyl	13.52	154	628182	102.583	ng		99
47) 2-Chloronaphthalene	13.56	162	537975	102.042	ng		98
48) 2-Nitroaniline	13.78	65	187843	97.285	ng		96
49) Acenaphthylene	14.41	152	793927	99.238	ng		96
50) Dimethylphthalate	14.14	163	714565	99.147	ng		98
51) 2,6-Dinitrotoluene	14.27	165	150854	99.268	ng		96
52) Acenaphthene	14.75	154	479659	102.103	ng		96
53) 3-Nitroaniline	14.61	138	152896	102.120	ng		99
54) 2,4-Dinitrophenol	14.82	184	107244	110.173	ng		90
55) Dibenzofuran	15.08	168	808847	99.027	ng		97
56) 4-Nitrophenol	14.92	139	107638	103.477	ng		90
57) 2,4-Dinitrotoluene	15.06	165	223916	100.798	ng		93
58) Fluorene	15.73	166	646238	100.577	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	204433	92.856	ng		98
60) Diethylphthalate	15.49	149	714306	97.510	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	423284	101.252	ng		97
62) 4-Nitroaniline	15.78	138	148291	92.605	ng		96
63) Azobenzene	16.01	77	608120	93.053	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	148324	108.577	ng		88
66) n-Nitrosodiphenylamine	15.94	169	573620	102.646	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	288776	106.115	ng		99
68) Hexachlorobenzene	16.72	284	304514	104.496	ng		98
69) Atrazine	16.87	200	51899	28.474	ng		98
70) Pentachlorophenol	17.08	266	144384	96.759	ng		93
71) Phenanthrene	17.48	178	1109187	98.816	ng		98
72) Anthracene	17.56	178	1106858	100.022	ng		97
73) Carbazole	17.84	167	952170	98.361	ng		98
74) Di-n-butylphthalate	18.37	149	1176470	97.400	ng		97
75) Fluoranthene	19.48	202	1421308	95.312	ng		96
77) Benzidine	19.67	184	283594	52.652	ng		97
78) Pyrene	19.84	202	1414557	94.191	ng		94
80) Butylbenzylphthalate	20.71	149	563433	99.187	ng		98
81) Benzo(a)anthracene	21.69	228	1455443	96.530	ng		93
82) 3,3'-Dichlorobenzidine	21.60	252	504887	95.390	ng		100
83) Chrysene	21.76	228	1402150	96.701	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	794417	102.620	ng		98
85) Di-n-octyl phthalate	22.78	149	1354930	103.452	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	1817549	105.652	ng	#	77
88) Benzo(b)fluoranthene	23.95	252	1510526	97.905	ng	#	98
89) Benzo(k)fluoranthene	24.02	252	1458869	95.450	ng		98
90) Benzo(a)pyrene	24.85	252	1450190	99.526	ng		97
91) Dibenzo(a,h)anthracene	28.86	278	1450525	98.881	ng		99
92) Benzo(g,h,i)perylene	30.01	276	1455652	100.411	ng		97

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

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