Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040962.D
Acq On : 30 May 2019 22:43
Operator : HP/JU
Sample : K3084-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6MS

Manual Integrations APPROVED
mohammad
5/31/2019 8:19:05 AM

Quant Time: May 31 04:45:32 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 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	66997	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	263365	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	182876	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	461186	20.00	ng		0.00
76) Chrysene-d12	21.78	240	460439	20.00	ng		0.00
87) Perylene-d12	25.12	264	487030	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	534845	143.95	ng		0.00
7) Phenol-d6	7.27	99	766474	133.58	ng		0.00
23) Nitrobenzene-d5	9.30	82	514339	86.70	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	382415	140.86	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1041311	82.00	ng		0.00
79) Terphenyl-d14	20.09	244	1711177	78.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	63919	37.912	ng		96
3) Pyridine	3.93	79	170491	34.175	ng		98
4) n-Nitrosodimethylamine	3.85	42	105950	45.760	ng		95
6) Aniline	7.45	93	172064	22.465	ng		98
8) 2-Chlorophenol	7.68	128	199700	45.084	ng		95
9) Benzaldehyde	7.26	77	95648	27.943	ng		91
10) Phenol	7.30	94	283191	46.029	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	188990	42.344	ng		99
12) 1,3-Dichlorobenzene	8.01	146	212158	40.102	ng		97
13) 1,4-Dichlorobenzene	8.16	146	217264	40.572	ng		94
14) 1,2-Dichlorobenzene	8.48	146	207025	39.816	ng		99
15) Benzyl Alcohol	8.36	79	234425	44.165	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	299931	41.125	ng		99
17) 2-Methylphenol	8.56	107	188758	42.374	ng		98
18) Hexachloroethane	9.21	117	83284	40.352	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	183592	41.576	ng		98
20) 3+4-Methylphenols	8.89	107	263516	42.706	ng		98
22) Acetophenone	8.95	105	339292	45.926	ng	#	98
24) Nitrobenzene	9.35	77	273617	45.258	ng		98
25) Isophorone	9.86	82	505139	44.742	ng		98
26) 2-Nitrophenol	10.06	139	119718	48.034	ng		96
27) 2,4-Dimethylphenol	10.10	122	206275	50.112	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	268294	44.030	ng		99
29) 2,4-Dichlorophenol	10.59	162	238511	45.629	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	249284	41.922	ng		99
31) Naphthalene	11.00	128	621884	43.979	ng		98
32) Benzoic acid	10.17	122	13207	11.557	ng		92
33) 4-Chloroaniline	11.10	127	98468	15.008	ng		95
34) Hexachlorobutadiene	11.26	225	180974	39.776	ng		97
35) Caprolactam	11.89	113	71944m	41.679	ng		
36) 4-Chloro-3-methylphenol	12.21	107	259274	43.431	ng		93
37) 2-Methylnaphthalene	12.59	142	454037	41.691	ng		99
38) 1-Methylnaphthalene	12.81	142	435030	42.390	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	330118	44.787	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	420850	103.518	ng		97
43) 2,4,6-Trichlorophenol	13.19	196	218842	45.895	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	236177	46.964	ng		98
46) 1,1'-Biphenyl	13.59	154	608545	44.955	ng		100
47) 2-Chloronaphthalene	13.64	162	500363	43.056	ng		98
48) 2-Nitroaniline	13.85	65	188651	45.250	ng		98
49) Acenaphthylene	14.48	152	778276	44.497	ng		99
50) Dimethylphthalate	14.20	163	842401	54.417	ng		100
51) 2,6-Dinitrotoluene	14.33	165	152060	45.558	ng		98
52) Acenaphthene	14.82	154	457142	43.144	ng		98
53) 3-Nitroaniline	14.66	138	83692	25.075	ng		98
54) 2,4-Dinitrophenol	14.87	184	139035	79.961	ng		99
55) Dibenzofuran	15.15	168	786542	44.116	ng		98
56) 4-Nitrophenol	14.96	139	242783	106.051	ng		89
57) 2,4-Dinitrotoluene	15.12	165	216741	45.970	ng	#	99
58) Fluorene	15.80	166	609350	42.916	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	241803	48.927	ng		98
60) Diethylphthalate	15.56	149	684988	43.358	ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	389171	42.169	ng		97
62) 4-Nitroaniline	15.83	138	153863	43.545	ng		98
63) Azobenzene	16.08	77	631664	43.991	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	135960	53.760	ng		94
66) n-Nitrosodiphenylamine	16.00	169	575090	44.359	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	257160	41.318	ng		96
68) Hexachlorobenzene	16.79	284	266929	40.276	ng		99
69) Atrazine	16.94	200	257538	51.483	ng		97
70) Pentachlorophenol	17.14	266	352029	98.135	ng		96
71) Phenanthrene	17.54	178	1045289	43.513	ng		97
72) Anthracene	17.63	178	1076749	45.447	ng		99
73) Carbazole	17.90	167	967741	47.603	ng		99
74) Di-n-butylphthalate	18.44	149	1084129	42.907	ng		97
75) Fluoranthene	19.54	202	1327279	44.732	ng		98
77) Benzidine	19.72	184	504083	45.893	ng		97
78) Pyrene	19.90	202	1326411	44.315	ng		99
80) Butylbenzylphthalate	20.77	149	517353	44.415	ng		99
81) Benzo(a)anthracene	21.76	228	1295479	42.267	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	229122	21.254	ng		99
83) Chrysene	21.83	228	1265649	43.151	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	708102	43.184	ng		99
85) Di-n-octyl phthalate	22.87	149	1200441	43.958	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1551134	43.172	ng	#	99
88) Benzo(b)fluoranthene	24.05	252	1300286	44.018	ng		99
89) Benzo(k)fluoranthene	24.12	252	1287566	44.047	ng		98
90) Benzo(a)pyrene	24.96	252	1294552	45.933	ng		97
91) Dibenzo(a,h)anthracene	29.03	278	1278915	45.414	ng		99
92) Benzo(g,h,i)perylene	30.17	276	1287458	47.058	ng		98

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

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