Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
Data File : BG044456.D
Acq On : 17 Feb 2020 20:57
Operator : CG/JU
Sample : L1547-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMS

Manual Integrations APPROVED
mohammad
2/18/2020 3:17:01 PM

Quant Time: Feb 18 06:24:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	72468	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	293881	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	193151	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	425281	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	410636	20.00	ng	-0.02
87) Perylene-d12	24.59	264	450576	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	453324	110.40	ng	0.00
7) Phenol-d6	7.07	99	600195	108.85	ng	-0.01
23) Nitrobenzene-d5	9.05	82	349194	67.08	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	245161	108.12	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	829155	71.88	ng	-0.01
79) Terphenyl-d14	19.89	244	1305863	65.41	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	79412	43.04	ng	99
3) Pyridine	3.74	79	190885	38.84	ng	97
4) n-Nitrosodimethylamine	3.66	42	96129	46.80	ng	100
6) Aniline	7.21	93	177538	25.94	ng	100
8) 2-Chlorophenol	7.46	128	237615	52.65	ng	98
9) Benzaldehyde	7.03	77	96703	30.79	ng	96
10) Phenol	7.10	94	285677	52.35	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	212547	45.56	ng	99
12) 1,3-Dichlorobenzene	7.78	146	248323	46.09	ng	98
13) 1,4-Dichlorobenzene	7.92	146	247465	46.37	ng	99
14) 1,2-Dichlorobenzene	8.24	146	235007	46.59	ng	99
15) Benzyl Alcohol	8.13	79	190007	48.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	272677	43.18	ng	98
17) 2-Methylphenol	8.34	107	199037	51.12	ng	96
18) Hexachloroethane	8.98	117	89434	44.66	ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	166016	45.18	ng	97
20) 3+4-Methylphenols	8.67	107	271186	50.54	ng	98
22) Acetophenone	8.71	105	313585	43.86	ng	98
24) Nitrobenzene	9.09	77	234655	46.18	ng	98
25) Isophorone	9.62	82	460792	47.49	ng	99
26) 2-Nitrophenol	9.80	139	135448	51.37	ng	99
27) 2,4-Dimethylphenol	9.87	122	224896	60.42	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	288661	44.60	ng	100
29) 2,4-Dichlorophenol	10.35	162	233750	51.93	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	236604	45.85	ng	99
31) Naphthalene	10.74	128	687568	48.22	ng	100
32) Benzoic acid	10.05	122	83915	38.29	ng	98
33) 4-Chloroaniline	10.85	127	90985	14.03	ng	98
34) Hexachlorobutadiene	11.03	225	140365	44.20	ng	97
35) Caprolactam	11.61	113	83599m	50.70	ng	
36) 4-Chloro-3-methylphenol	11.98	107	242220	51.33	ng	100
37) 2-Methylnaphthalene	12.35	142	510618	48.23	ng	98
38) 1-Methylnaphthalene	12.57	142	486062	48.70	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	259064	44.84	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	277969	100.26	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	186475	49.93	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	202649	53.13	ng	100
46) 1,1'-Biphenyl	13.36	154	654951	47.01	ng	98
47) 2-Chloronaphthalene	13.41	162	507862	45.81	ng	99
48) 2-Nitroaniline	13.61	65	148187	45.29	ng	97
49) Acenaphthylene	14.25	152	808569	49.72	ng	100
50) Dimethylphthalate	13.99	163	690933	49.76	ng	100
51) 2,6-Dinitrotoluene	14.10	165	148414	47.94	ng	99
52) Acenaphthene	14.59	154	498761	47.32	ng	98
53) 3-Nitroaniline	14.43	138	68335	19.95	ng	97
54) 2,4-Dinitrophenol	14.64	184	177146	94.99	ng	98
55) Dibenzofuran	14.93	168	771814	48.37	ng	99
56) 4-Nitrophenol	14.76	139	268542	107.04	ng	98
57) 2,4-Dinitrotoluene	14.89	165	207245	47.76	ng	98
58) Fluorene	15.58	166	616365	49.04	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	176499	51.23	ng	98
60) Diethylphthalate	15.35	149	650408	47.01	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	325969	47.83	ng	99
62) 4-Nitroaniline	15.60	138	145869	42.62	ng	96
63) Azobenzene	15.87	77	578033	47.67	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	133324	56.79	ng	95
66) n-Nitrosodiphenylamine	15.79	169	575523	48.29	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	214859	46.37	ng	98
68) Hexachlorobenzene	16.59	284	239737	46.18	ng	99
69) Atrazine	16.74	200	220947	54.09	ng	99
70) Pentachlorophenol	16.93	266	257961	97.55	ng	98
71) Phenanthrene	17.32	178	1043969	50.69	ng	99
72) Anthracene	17.41	178	1028439	50.51	ng	99
73) Carbazole	17.68	167	923326	49.19	ng	99
74) Di-n-butylphthalate	18.24	149	1125151	48.51	ng	99
75) Fluoranthene	19.33	202	1258116	52.81	ng	99
77) Benzidine	19.50	184	499651	43.87	ng	98
78) Pyrene	19.69	202	1252229	47.48	ng	99
80) Butylbenzylphthalate	20.58	149	523467	43.56	ng	99
81) Benzo(a)anthracene	21.50	228	1197799	47.33	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	211713	21.55	ng	99
83) Chrysene	21.57	228	1121402	45.84	ng	100
84) Bis(2-ethylhexyl)phthalate	21.42	149	747256	45.18	ng	99
85) Di-n-octyl phthalate	22.58	149	1306037	45.63	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1461509	45.79	ng	99
88) Benzo(b)fluoranthene	23.62	252	1292616	49.79	ng	99
89) Benzo(k)fluoranthene	23.69	252	1196015	47.26	ng	99
90) Benzo(a)pyrene	24.45	252	1178097	47.99	ng	99
91) Dibenzo(a,h)anthracene	28.14	278	1177535	48.47	ng	98
92) Benzo(g,h,i)perylene	29.17	276	1238793	50.94	ng	99

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

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