Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042924.D
Acq On : 25 Sep 2019 12:08
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Sep 25 12:57:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 12:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	60970	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	249103	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	186340	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	437485	20.00	ng	0.00
76) Chrysene-d12	21.72	240	474470	20.00	ng	0.00
87) Perylene-d12	24.96	264	537402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	264735	75.28	ng	0.00
7) Phenol-d6	7.24	99	392184	77.25	ng	0.00
23) Nitrobenzene-d5	9.24	82	408477	79.99	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	244385	83.16	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1007134	79.29	ng	0.00
79) Terphenyl-d14	20.05	244	1885062	80.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	52220	35.732	ng	100
3) Pyridine	3.96	79	158189	37.185	ng	100
4) n-Nitrosodimethylamine	3.87	42	76508	38.801	ng	100
6) Aniline	7.40	93	235273	38.003	ng	100
8) 2-Chlorophenol	7.65	128	141217	39.217	ng	100
9) Benzaldehyde	7.21	77	129153	40.870	ng	100
10) Phenol	7.27	94	178696	37.761	ng	100
11) bis(2-Chloroethyl)ether	7.50	93	137321	37.223	ng	100
12) 1,3-Dichlorobenzene	7.97	146	177557	39.064	ng	100
13) 1,4-Dichlorobenzene	8.11	146	177253	38.788	ng	100
14) 1,2-Dichlorobenzene	8.43	146	167464	38.610	ng	100
15) Benzyl Alcohol	8.32	79	149549	39.174	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.60	45	265803	37.080	ng	100
17) 2-Methylphenol	8.52	107	128460	39.303	ng	100
18) Hexachloroethane	9.17	117	65782	39.287	ng	100
19) n-Nitroso-di-n-propylamine	8.88	70	130084	38.416	ng	100
20) 3+4-Methylphenols	8.85	107	173819	38.729	ng	100
22) Acetophenone	8.90	105	278252	42.816	ng	100
24) Nitrobenzene	9.28	77	191914	38.793	ng	100
25) Isophorone	9.81	82	360681	39.534	ng	100
26) 2-Nitrophenol	9.99	139	81073	39.751	ng	100
27) 2,4-Dimethylphenol	10.05	122	124617	39.117	ng	100
28) bis(2-Chloroethoxy)methane	10.28	93	204963	38.928	ng	100
29) 2,4-Dichlorophenol	10.53	162	160390	41.327	ng	100
30) 1,2,4-Trichlorobenzene	10.74	180	199014	40.110	ng	100
31) Naphthalene	10.93	128	478207	39.273	ng	100
32) Benzoic acid	10.20	122	113531	45.909	ng	100
33) 4-Chloroaniline	11.04	127	214779	39.608	ng	100
34) Hexachlorobutadiene	11.22	225	148761	41.544	ng	100
35) Caprolactam	11.82	113	56460	40.330	ng	100
36) 4-Chloro-3-methylphenol	12.16	107	176149	40.988	ng	100
37) 2-Methylnaphthalene	12.53	142	371703	40.139	ng	100
38) 1-Methylnaphthalene	12.74	142	344204	39.343	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	309740	44.909	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	173925	41.135 ng	100
43) 2,4,6-Trichlorophenol	13.13	196	159557	39.544 ng	100
44) 2,4,5-Trichlorophenol	13.21	196	162194	38.946 ng	100
46) 1,1'-Biphenyl	13.53	154	604078	42.534 ng	100
47) 2-Chloronaphthalene	13.58	162	410785	38.354 ng	100
48) 2-Nitroaniline	13.77	65	136559	38.000 ng	100
49) Acenaphthylene	14.42	152	624544	38.547 ng	100
50) Dimethylphthalate	14.15	163	537550	39.421 ng	100
51) 2,6-Dinitrotoluene	14.27	165	115469	39.755 ng	100
52) Acenaphthene	14.76	154	433829	40.454 ng	100
53) 3-Nitroaniline	14.60	138	119304	39.081 ng	100
54) 2,4-Dinitrophenol	14.79	184	71507	41.785 ng	100
55) Dibenzofuran	15.09	168	622195	39.111 ng	100
56) 4-Nitrophenol	14.91	139	92516	39.790 ng	100
57) 2,4-Dinitrotoluene	15.05	165	169483	41.116 ng	100
58) Fluorene	15.74	166	531882	39.546 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	174095	40.881 ng	100
60) Diethylphthalate	15.51	149	549711	39.955 ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	314299	39.468 ng	100
62) 4-Nitroaniline	15.76	138	126802	38.362 ng	100
63) Azobenzene	16.03	77	503246	38.064 ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	100575	43.408 ng	100
66) n-Nitrosodiphenylamine	15.95	169	464824	39.527 ng	100
67) 4-Bromophenyl-phenylether	16.63	248	223933	41.606 ng	100
68) Hexachlorobenzene	16.75	284	243854	41.068 ng	100
69) Atrazine	16.90	200	201989	41.628 ng	100
70) Pentachlorophenol	17.09	266	143220	41.961 ng	100
71) Phenanthrene	17.48	178	860225	40.482 ng	100
72) Anthracene	17.57	178	861169	40.741 ng	100
73) Carbazole	17.84	167	790736	40.126 ng	100
74) Di-n-butylphthalate	18.40	149	957319	41.727 ng	100
75) Fluoranthene	19.49	202	1130141	41.975 ng	100
77) Benzidine	19.67	184	500760	38.020 ng	100
78) Pyrene	19.85	202	1147501	40.551 ng	100
80) Butylbenzylphthalate	20.74	149	428227	39.189 ng	100
81) Benzo(a)anthracene	21.70	228	1176608	40.266 ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	469430	40.334 ng	100
83) Chrysene	21.76	228	1135064	40.170 ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	601603	38.927 ng	100
85) Di-n-octyl phthalate	22.83	149	989540	38.696 ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1399368	39.722 ng	100
88) Benzo(b)fluoranthene	23.93	252	1202006	39.279 ng	100
89) Benzo(k)fluoranthene	24.00	252	1193676	40.376 ng	100
90) Benzo(a)pyrene	24.81	252	1130591	39.228 ng	100
91) Dibenzo(a,h)anthracene	28.72	278	1157723	39.559 ng	100
92) Benzo(g,h,i)perylene	29.81	276	1115866	39.420 ng	100

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

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