Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
Data File : BG044569.D
Acq On : 24 Feb 2020 13:12
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Feb 24 14:19:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 14:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58457	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	240354	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	156131	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	336007	20.00	ng		0.00
76) Chrysene-d12	21.50	240	307789	20.00	ng		0.00
87) Perylene-d12	24.57	264	357685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	382250	115.40	ng		0.00
7) Phenol-d6	7.05	99	527265	118.54	ng		0.00
23) Nitrobenzene-d5	9.03	82	482047	113.23	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	231446	126.27	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	1118559	119.97	ng		0.00
79) Terphenyl-d14	19.88	244	1665485	111.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	82101	55.168	ng		99
3) Pyridine	3.73	79	239135	60.313	ng		99
4) n-Nitrosodimethylamine	3.64	42	87574	52.857	ng		96
6) Aniline	7.20	93	316151	57.263	ng		97
8) 2-Chlorophenol	7.44	128	206569	56.745	ng		98
9) Benzaldehyde	7.01	77	147928	58.395	ng		99
10) Phenol	7.07	94	254690	57.858	ng		99
11) bis(2-Chloroethyl)ether	7.29	93	210202	55.855	ng		96
12) 1,3-Dichlorobenzene	7.76	146	244182	56.180	ng		99
13) 1,4-Dichlorobenzene	7.91	146	244193	56.725	ng		99
14) 1,2-Dichlorobenzene	8.23	146	233797	57.459	ng		98
15) Benzyl Alcohol	8.11	79	178461	56.672	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	277875	54.553	ng		99
17) 2-Methylphenol	8.33	107	180091	57.341	ng		99
18) Hexachloroethane	8.95	117	89894	55.648	ng		97
19) n-Nitroso-di-n-propylamine	8.68	70	165127	55.705	ng		98
20) 3+4-Methylphenols	8.66	107	249362	57.611	ng		98
22) Acetophenone	8.70	105	311337	53.247	ng	#	98
24) Nitrobenzene	9.07	77	235685	56.706	ng		99
25) Isophorone	9.60	82	448914	56.573	ng		98
26) 2-Nitrophenol	9.79	139	128469	59.570	ng		99
27) 2,4-Dimethylphenol	9.85	122	179623	59.003	ng		99
28) bis(2-Chloroethoxy)methane	10.08	93	299813	56.638	ng		100
29) 2,4-Dichlorophenol	10.33	162	217062	58.967	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	246061	58.296	ng		98
31) Naphthalene	10.72	128	674554	57.846	ng		99
32) Benzoic acid	10.04	122	64754	39.877	ng		97
33) 4-Chloroaniline	10.83	127	306326	57.758	ng		98
34) Hexachlorobutadiene	11.02	225	155085	59.712	ng		99
35) Caprolactam	11.61	113	77254	57.291	ng		92
36) 4-Chloro-3-methylphenol	11.97	107	222722	57.709	ng		98
37) 2-Methylnaphthalene	12.34	142	502137	57.996	ng		99
38) 1-Methylnaphthalene	12.56	142	472741	57.914	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	272750	58.400	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	115487	51.534	ng		98
43) 2,4,6-Trichlorophenol	12.95	196	178097	58.996	ng		99
44) 2,4,5-Trichlorophenol	13.03	196	184054	59.691	ng		97
46) 1,1'-Biphenyl	13.35	154	664212	58.979	ng		97
47) 2-Chloronaphthalene	13.39	162	515625	57.537	ng		99
48) 2-Nitroaniline	13.59	65	146761	55.491	ng		99
49) Acenaphthylene	14.24	152	767553	58.394	ng		99
50) Dimethylphthalate	13.97	163	647283	57.674	ng		99
51) 2,6-Dinitrotoluene	14.09	165	142056	56.768	ng		99
52) Acenaphthene	14.58	154	488861	57.379	ng		99
53) 3-Nitroaniline	14.42	138	157003	56.710	ng		99
54) 2,4-Dinitrophenol	14.63	184	75113	60.462	ng		97
55) Dibenzofuran	14.92	168	745725	57.811	ng		99
56) 4-Nitrophenol	14.74	139	113195	55.818	ng		100
57) 2,4-Dinitrotoluene	14.88	165	202101	57.623	ng		99
58) Fluorene	15.56	166	593672	58.433	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	166139	59.652	ng		98
60) Diethylphthalate	15.34	149	637491	57.005	ng		99
61) 4-Chlorophenyl-phenylether	15.56	204	321200	58.307	ng		98
62) 4-Nitroaniline	15.59	138	159529	57.667	ng		98
63) Azobenzene	15.85	77	541116	55.209	ng		98
65) 4,6-Dinitro-2-methylphenol	15.65	198	113409	61.145	ng		94
66) n-Nitrosodiphenylamine	15.78	169	543004	57.666	ng		99
67) 4-Bromophenyl-phenylether	16.45	248	217198	59.331	ng		99
68) Hexachlorobenzene	16.58	284	244354	59.580	ng		99
69) Atrazine	16.73	200	202995	62.896	ng		98
70) Pentachlorophenol	16.92	266	112175	59.023	ng		96
71) Phenanthrene	17.30	178	961137	59.072	ng		99
72) Anthracene	17.39	178	946080	58.813	ng		99
73) Carbazole	17.66	167	867399	58.491	ng		99
74) Di-n-butylphthalate	18.23	149	1096032	59.808	ng		99
75) Fluoranthene	19.32	202	1149844	61.090	ng		99
77) Benzidine	19.50	184	579028	67.823	ng		97
78) Pyrene	19.68	202	1146818	58.019	ng		98
80) Butylbenzylphthalate	20.57	149	505663	56.137	ng		99
81) Benzo(a)anthracene	21.49	228	1121046	59.098	ng		99
82) 3,3'-Dichlorobenzidine	21.41	252	449920	61.112	ng		99
83) Chrysene	21.55	228	1075027	58.630	ng		98
84) Bis(2-ethylhexyl)phthalate	21.41	149	696133	56.147	ng		97
85) Di-n-octyl phthalate	22.57	149	1242996	57.943	ng		99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1386013	57.940	ng	#	77
88) Benzo(b)fluoranthene	23.61	252	1205396	58.483	ng		98
89) Benzo(k)fluoranthene	23.67	252	1187954	59.137	ng		99
90) Benzo(a)pyrene	24.43	252	1144538	58.732	ng		99
91) Dibenzo(a,h)anthracene	28.11	278	1131991	58.694	ng		98
92) Benzo(g,h,i)perylene	29.14	276	1126453	58.345	ng		99

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

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