Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\
Data File : BG043294.D
Acq On : 21 Oct 2019 12:23
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Oct 21 15:19:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:08:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35488	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	149547	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	110607	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	264201	20.00	ng		0.00
76) Chrysene-d12	21.67	240	289057	20.00	ng		0.00
87) Perylene-d12	24.87	264	342168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	242233	121.81	ng		0.00
7) Phenol-d6	7.20	99	346682	121.06	ng		0.00
23) Nitrobenzene-d5	9.19	82	340650	110.72	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	253310	133.18	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	940931	123.33	ng		0.00
79) Terphenyl-d14	20.01	244	1772062	130.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	44315	53.451	ng		95
3) Pyridine	3.90	79	113689	48.754	ng		99
4) n-Nitrosodimethylamine	3.81	42	59484	53.046	ng		83
6) Aniline	7.36	93	200967	58.138	ng		99
8) 2-Chlorophenol	7.60	128	128457	61.943	ng		98
9) Benzaldehyde	7.16	77	70338	40.196	ng		95
10) Phenol	7.23	94	159185	60.589	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	119242	58.659	ng		95
12) 1,3-Dichlorobenzene	7.91	146	161646	61.102	ng		95
13) 1,4-Dichlorobenzene	8.06	146	162460	61.602	ng		98
14) 1,2-Dichlorobenzene	8.38	146	156313	62.257	ng		96
15) Benzyl Alcohol	8.27	79	125437	58.262	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	169453	43.406	ng		98
17) 2-Methylphenol	8.48	107	112322	61.100	ng		98
18) Hexachloroethane	9.11	117	59148	59.552	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	110510	58.771	ng		97
20) 3+4-Methylphenols	8.81	107	156242	62.019	ng		91
22) Acetophenone	8.85	105	229051	59.419	ng	#	98
24) Nitrobenzene	9.23	77	161845	55.148	ng		97
25) Isophorone	9.75	82	313435	57.996	ng		99
26) 2-Nitrophenol	9.94	139	79568	63.689	ng		97
27) 2,4-Dimethylphenol	10.01	122	115477	60.188	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	173855	56.698	ng		99
29) 2,4-Dichlorophenol	10.49	162	147793	61.937	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	183470	59.540	ng		98
31) Naphthalene	10.88	128	448944	60.984	ng		99
32) Benzoic acid	10.18	122	90180	62.275	ng		97
33) 4-Chloroaniline	11.00	127	187735	58.770	ng		99
34) Hexachlorobutadiene	11.17	225	134470	58.281	ng		93
35) Caprolactam	11.78	113	54583	64.865	ng	#	80
36) 4-Chloro-3-methylphenol	12.12	107	164620	63.451	ng		98
37) 2-Methylnaphthalene	12.49	142	343023	61.080	ng		97
38) 1-Methylnaphthalene	12.70	142	324958	61.151	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	240389	57.803	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	135360	51.084	ng		95
43) 2,4,6-Trichlorophenol	13.10	196	144485	59.358	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	148459	59.205	ng		98
46) 1,1'-Biphenyl	13.49	154	498745	59.460	ng		99
47) 2-Chloronaphthalene	13.53	162	378822	60.238	ng		99
48) 2-Nitroaniline	13.74	65	116646	55.777	ng		98
49) Acenaphthylene	14.38	152	593766	61.704	ng		99
50) Dimethylphthalate	14.11	163	516003	62.264	ng		99
51) 2,6-Dinitrotoluene	14.23	165	111047	62.921	ng		96
52) Acenaphthene	14.72	154	363743	56.473	ng		100
53) 3-Nitroaniline	14.57	138	110026	60.325	ng		96
54) 2,4-Dinitrophenol	14.77	184	66534	60.651	ng		99
55) Dibenzofuran	15.05	168	582920	61.179	ng		100
56) 4-Nitrophenol	14.88	139	76656	55.161	ng		97
57) 2,4-Dinitrotoluene	15.02	165	161229	62.384	ng		96
58) Fluorene	15.70	166	491489	60.419	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	156204	58.506	ng	#	100
60) Diethylphthalate	15.47	149	517002	61.299	ng		96
61) 4-Chlorophenyl-phenylether	15.69	204	288359	59.107	ng		98
62) 4-Nitroaniline	15.73	138	115740	58.185	ng		95
63) Azobenzene	15.99	77	418670	54.524	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	96654	64.651	ng		95
66) n-Nitrosodiphenylamine	15.91	169	436379	62.567	ng		96
67) 4-Bromophenyl-phenylether	16.59	248	208796	62.967	ng		97
68) Hexachlorobenzene	16.71	284	237730	64.388	ng		97
69) Atrazine	16.86	200	117113	39.876	ng		96
70) Pentachlorophenol	17.06	266	116033	54.464	ng		96
71) Phenanthrene	17.44	178	792407	61.435	ng		99
72) Anthracene	17.53	178	780901	60.645	ng		99
73) Carbazole	17.81	167	721391	60.414	ng		99
74) Di-n-butylphthalate	18.36	149	879688	61.746	ng		100
75) Fluoranthene	19.45	202	1028833	60.305	ng		99
77) Benzidine	19.64	184	299253	41.346	ng		95
78) Pyrene	19.81	202	1040621	60.316	ng		98
80) Butylbenzylphthalate	20.69	149	402490	61.461	ng		97
81) Benzo(a)anthracene	21.65	228	1063186	59.030	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	417520	59.105	ng		99
83) Chrysene	21.72	228	1064819	60.922	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	577803	62.007	ng		100
85) Di-n-octyl phthalate	22.76	149	974738	63.969	ng		100
86) Indeno(1,2,3-cd)pyrene	28.53	276	1366114	62.784	ng		100
88) Benzo(b)fluoranthene	23.86	252	1130250	58.378	ng		98
89) Benzo(k)fluoranthene	23.93	252	1132497	59.129	ng		98
90) Benzo(a)pyrene	24.72	252	1094834	59.938	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	1123136	59.963	ng		100
92) Benzo(g,h,i)perylene	29.66	276	1096745	60.432	ng		96

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

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