Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044369.D
Acq On : 11 Feb 2020 00:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 11 02:53:58 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	7.91	152	88221	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	398631	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	275344	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	609909	20.00	ng		0.00
76) Chrysene-d12	21.54	240	522341	20.00	ng		0.00
87) Perylene-d12	24.62	264	607195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	407388	81.50	ng		0.00
7) Phenol-d6	7.08	99	579851	86.38	ng		0.00
23) Nitrobenzene-d5	9.06	82	558225	79.06	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	272857	84.41	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	1295106	78.76	ng		0.00
79) Terphenyl-d14	19.90	244	1891507	74.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	83988	37.396	ng		100
3) Pyridine	3.76	79	255308	42.667	ng		99
4) n-Nitrosodimethylamine	3.68	42	102407	40.956	ng		97
6) Aniline	7.23	93	359657	43.165	ng		99
8) 2-Chlorophenol	7.47	128	228691	41.627	ng		100
9) Benzaldehyde	7.04	77	155436	40.657	ng		98
10) Phenol	7.10	94	289741	43.614	ng		98
11) bis(2-Chloroethyl)ether	7.32	93	235637	41.489	ng		97
12) 1,3-Dichlorobenzene	7.79	146	263839	40.223	ng		99
13) 1,4-Dichlorobenzene	7.94	146	265298	40.836	ng		99
14) 1,2-Dichlorobenzene	8.26	146	255983	41.687	ng		100
15) Benzyl Alcohol	8.14	79	210588	44.312	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	329003	42.799	ng		99
17) 2-Methylphenol	8.35	107	203420	42.917	ng		98
18) Hexachloroethane	8.99	117	98184	40.274	ng		99
19) n-Nitroso-di-n-propylamine	8.71	70	199343	44.559	ng		99
20) 3+4-Methylphenols	8.68	107	290972	44.544	ng		99
22) Acetophenone	8.72	105	384868	39.688	ng	#	98
24) Nitrobenzene	9.10	77	271208	39.344	ng		99
25) Isophorone	9.63	82	539624	41.003	ng		99
26) 2-Nitrophenol	9.82	139	148859	41.618	ng		98
27) 2,4-Dimethylphenol	9.88	122	204552	40.513	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	351100	39.992	ng		98
29) 2,4-Dichlorophenol	10.36	162	249117	40.805	ng		99
30) 1,2,4-Trichlorobenzene	10.57	180	275065	39.293	ng		99
31) Naphthalene	10.76	128	776556	40.152	ng		99
32) Benzoic acid	10.05	122	100492	35.467	ng		97
33) 4-Chloroaniline	10.86	127	364395	41.427	ng		99
34) Hexachlorobutadiene	11.05	225	165811	38.493	ng		99
35) Caprolactam	11.64	113	99710	44.585	ng		99
36) 4-Chloro-3-methylphenol	12.00	107	270280	42.225	ng		96
37) 2-Methylnaphthalene	12.37	142	593071	41.301	ng		100
38) 1-Methylnaphthalene	12.58	142	563585	41.629	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	319868	38.836	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	131531	33.281 ng	98
43) 2,4,6-Trichlorophenol	12.98	196	216318	40.632 ng	98
44) 2,4,5-Trichlorophenol	13.05	196	225177	41.410 ng	98
46) 1,1'-Biphenyl	13.38	154	785231	39.537 ng	99
47) 2-Chloronaphthalene	13.42	162	621262	39.310 ng	99
48) 2-Nitroaniline	13.62	65	194154	41.627 ng	98
49) Acenaphthylene	14.26	152	931595	40.189 ng	100
50) Dimethylphthalate	14.00	163	807477	40.797 ng	100
51) 2,6-Dinitrotoluene	14.12	165	180053	40.800 ng	99
52) Acenaphthene	14.61	154	602701	40.113 ng	99
53) 3-Nitroaniline	14.45	138	204512	41.888 ng	98
54) 2,4-Dinitrophenol	14.65	184	93725	40.051 ng	98
55) Dibenzofuran	14.94	168	918132	40.360 ng	99
56) 4-Nitrophenol	14.76	139	151221	42.283 ng	99
57) 2,4-Dinitrotoluene	14.90	165	257571	41.643 ng	98
58) Fluorene	15.59	166	732445	40.879 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	205609	41.861 ng	98
60) Diethylphthalate	15.37	149	815773	41.364 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	395740	40.735 ng	100
62) 4-Nitroaniline	15.61	138	207202	42.471 ng	99
63) Azobenzene	15.88	77	708171	40.971 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	137816	40.935 ng	99
66) n-Nitrosodiphenylamine	15.80	169	685969	40.133 ng	98
67) 4-Bromophenyl-phenylether	16.48	248	265474	39.952 ng	99
68) Hexachlorobenzene	16.60	284	296542	39.834 ng	99
69) Atrazine	16.75	200	229659	39.201 ng	98
70) Pentachlorophenol	16.94	266	147628	40.817 ng	97
71) Phenanthrene	17.33	178	1181022	39.989 ng	99
72) Anthracene	17.42	178	1171420	40.118 ng	99
73) Carbazole	17.69	167	1079129	40.089 ng	99
74) Di-n-butylphthalate	18.25	149	1347608	40.512 ng	99
75) Fluoranthene	19.34	202	1362823	39.889 ng	99
77) Benzidine	19.52	184	630927	43.547 ng	100
78) Pyrene	19.70	202	1353538	40.350 ng	100
80) Butylbenzylphthalate	20.59	149	616714	40.343 ng	97
81) Benzo(a)anthracene	21.51	228	1313413	40.799 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	525522	42.061 ng	100
83) Chrysene	21.58	228	1266479	40.701 ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	843436	40.085 ng	99
85) Di-n-octyl phthalate	22.60	149	1487222	40.851 ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1637842	40.344 ng	100
88) Benzo(b)fluoranthene	23.65	252	1407791	40.236 ng	100
89) Benzo(k)fluoranthene	23.71	252	1369384	40.156 ng	100
90) Benzo(a)pyrene	24.47	252	1339815	40.501 ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1325198	40.477 ng	99
92) Benzo(g,h,i)perylene	29.20	276	1330622	40.599 ng	98

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

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