Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
Data File : BG039365.D
Acq On : 5 Feb 2019 22:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 05 23:18:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	96557	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	392493	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	259260	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	598949	20.00	ng		0.00
76) Chrysene-d12	21.85	240	607254	20.00	ng		0.00
87) Perylene-d12	25.23	264	636508	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	455028	80.66	ng		0.00
7) Phenol-d6	7.32	99	666349	80.24	ng		0.00
23) Nitrobenzene-d5	9.36	82	593173	94.41	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	247714	88.73	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	1352296	74.83	ng		0.00
79) Terphenyl-d14	20.14	244	1990292	69.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	99164	40.183	ng		95
3) Pyridine	4.02	79	287614	44.020	ng		98
4) n-Nitrosodimethylamine	3.93	42	131469	40.234	ng		90
6) Aniline	7.51	93	394825	37.957	ng		99
8) 2-Chlorophenol	7.74	128	249014	40.380	ng		95
9) Benzaldehyde	7.32	77	168206	40.782	ng		99
10) Phenol	7.35	94	343902	39.727	ng		96
11) bis(2-Chloroethyl)ether	7.60	93	261567	38.239	ng		99
12) 1,3-Dichlorobenzene	8.07	146	292174	39.110	ng		97
13) 1,4-Dichlorobenzene	8.22	146	292969	39.345	ng		99
14) 1,2-Dichlorobenzene	8.54	146	278735	38.668	ng		97
15) Benzyl Alcohol	8.42	79	253127	38.826	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	531846	34.430	ng		99
17) 2-Methylphenol	8.61	107	216437	38.636	ng		95
18) Hexachloroethane	9.27	117	103433	40.376	ng		97
19) n-Nitroso-di-n-propylamine	8.99	70	218271	37.032	ng		96
20) 3+4-Methylphenols	8.94	107	309819	40.162	ng		98
22) Acetophenone	9.01	105	415313	39.392	ng	#	96
24) Nitrobenzene	9.40	77	310206	45.703	ng		97
25) Isophorone	9.92	82	529355	38.022	ng		97
26) 2-Nitrophenol	10.11	139	138275	51.002	ng		97
27) 2,4-Dimethylphenol	10.15	122	234592	41.653	ng		98
28) bis(2-Chloroethoxy)methane	10.40	93	342998	39.997	ng		98
29) 2,4-Dichlorophenol	10.64	162	271262	44.069	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	291168	42.133	ng		99
31) Naphthalene	11.05	128	767390	39.411	ng		99
32) Benzoic acid	10.29	122	149901	42.028	ng		92
33) 4-Chloroaniline	11.16	127	360975	39.983	ng		99
34) Hexachlorobutadiene	11.32	225	196570	42.772	ng		96
35) Caprolactam	11.98	113	101637	39.902	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	288658	40.549	ng		96
37) 2-Methylnaphthalene	12.65	142	560111	38.838	ng		97
38) 1-Methylnaphthalene	12.86	142	542455	39.021	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	344755	41.794	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	271742	60.455 ng		100
43) 2,4,6-Trichlorophenol	13.24	196	226154	44.590 ng		98
44) 2,4,5-Trichlorophenol	13.31	196	234997	44.208 ng		99
46) 1,1'-Biphenyl	13.64	154	824341	38.215 ng		99
47) 2-Chloronaphthalene	13.69	162	639614	39.416 ng		98
48) 2-Nitroaniline	13.90	65	209026	45.387 ng		96
49) Acenaphthylene	14.53	152	937087	38.270 ng		98
50) Dimethylphthalate	14.26	163	797778	38.100 ng		99
51) 2,6-Dinitrotoluene	14.38	165	175053	45.178 ng		98
52) Acenaphthene	14.87	154	618486	38.913 ng		99
53) 3-Nitroaniline	14.71	138	186465	44.622 ng	#	96
54) 2,4-Dinitrophenol	14.91	184	33177	28.559 ng		93
55) Dibenzofuran	15.20	168	971008	38.103 ng		98
56) 4-Nitrophenol	15.00	139	148318	42.133 ng		93
57) 2,4-Dinitrotoluene	15.17	165	241747	48.189 ng	#	86
58) Fluorene	15.85	166	709894	37.368 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	221133	44.429 ng		98
60) Diethylphthalate	15.61	149	808994	37.368 ng		97
61) 4-Chlorophenyl-phenylether	15.84	204	423919	39.409 ng		99
62) 4-Nitroaniline	15.88	138	194122	44.542 ng		99
63) Azobenzene	16.13	77	761167	35.972 ng		98
65) 4,6-Dinitro-2-methylphenol	15.92	198	94664	42.241 ng		97
66) n-Nitrosodiphenylamine	16.05	169	718970	39.478 ng		98
67) 4-Bromophenyl-phenylether	16.73	248	279961	42.133 ng		95
68) Hexachlorobenzene	16.84	284	285275	42.792 ng		97
69) Atrazine	16.99	200	257421	38.678 ng		98
70) Pentachlorophenol	17.18	266	189487	40.896 ng		99
71) Phenanthrene	17.59	178	1180196	38.071 ng		97
72) Anthracene	17.68	178	1166599	38.205 ng		97
73) Carbazole	17.95	167	1154188	37.875 ng		99
74) Di-n-butylphthalate	18.49	149	1322760	37.207 ng		99
75) Fluoranthene	19.59	202	1387138	38.552 ng		99
77) Benzidine	19.77	184	576713	28.967 ng		100
78) Pyrene	19.95	202	1403059	37.115 ng		98
80) Butylbenzylphthalate	20.82	149	621330	38.963 ng		97
81) Benzo(a)anthracene	21.82	228	1388586	38.698 ng		98
82) 3,3'-Dichlorobenzidine	21.73	252	540009	40.587 ng		99
83) Chrysene	21.89	228	1317720	38.578 ng		97
84) Bis(2-ethylhexyl)phthalate	21.70	149	872153	38.336 ng	#	98
85) Di-n-octyl phthalate	22.97	149	1441958	38.364 ng		98
86) Indeno(1,2,3-cd)pyrene	29.14	276	1583256	43.201 ng		98
88) Benzo(b)fluoranthene	24.14	252	1354994	39.035 ng		97
89) Benzo(k)fluoranthene	24.22	252	1346326	38.632 ng		98
90) Benzo(a)pyrene	25.07	252	1331669	39.834 ng		99
91) Dibenzo(a,h)anthracene	29.21	278	1278312	40.831 ng		99
92) Benzo(g,h,i)perylene	30.37	276	1303904	41.785 ng		99

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

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