Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
Data File : BG039343.D
Acq On : 1 Feb 2019 15:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 01 18:05:08 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	52220	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	218990	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	143138	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	340312	20.00	ng		0.00
76) Chrysene-d12	21.84	240	338590	20.00	ng		0.00
87) Perylene-d12	25.22	264	350136	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	249969	81.93	ng		0.00
7) Phenol-d6	7.31	99	364341	81.12	ng		0.00
23) Nitrobenzene-d5	9.36	82	327797	93.51	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	135832	88.13	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	798544	80.03	ng		0.00
79) Terphenyl-d14	20.14	244	1250503	78.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	53545	40.120	ng		97
3) Pyridine	4.02	79	149643	42.349	ng		96
4) n-Nitrosodimethylamine	3.93	42	66946	37.883	ng		89
6) Aniline	7.51	93	219626	39.041	ng		98
8) 2-Chlorophenol	7.73	128	136377	40.891	ng		97
9) Benzaldehyde	7.32	77	92623	41.834	ng		95
10) Phenol	7.34	94	186214	39.775	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	145822	39.418	ng		100
12) 1,3-Dichlorobenzene	8.06	146	159849	39.564	ng		98
13) 1,4-Dichlorobenzene	8.22	146	161580	40.124	ng		98
14) 1,2-Dichlorobenzene	8.53	146	154008	39.505	ng		98
15) Benzyl Alcohol	8.42	79	140904	39.962	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	297237	35.580	ng		99
17) 2-Methylphenol	8.60	107	117917	38.921	ng		99
18) Hexachloroethane	9.27	117	57298	41.357	ng		95
19) n-Nitroso-di-n-propylamine	8.99	70	122126	38.312	ng		95
20) 3+4-Methylphenols	8.93	107	168174	40.310	ng		98
22) Acetophenone	9.01	105	238855	40.605	ng	#	96
24) Nitrobenzene	9.40	77	168985	44.622	ng		96
25) Isophorone	9.91	82	304332	39.178	ng		100
26) 2-Nitrophenol	10.11	139	72781	48.848	ng		98
27) 2,4-Dimethylphenol	10.15	122	129293	41.145	ng		97
28) bis(2-Chloroethoxy)methane	10.40	93	194089	40.565	ng		99
29) 2,4-Dichlorophenol	10.64	162	148587	43.265	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	163675	42.449	ng		99
31) Naphthalene	11.05	128	434919	40.033	ng		99
32) Benzoic acid	10.26	122	92739	45.620	ng		97
33) 4-Chloroaniline	11.16	127	201321	39.966	ng		98
34) Hexachlorobutadiene	11.32	225	107846	42.058	ng		92
35) Caprolactam	11.95	113	59441	41.825	ng	#	87
36) 4-Chloro-3-methylphenol	12.25	107	166864	42.012	ng		99
37) 2-Methylnaphthalene	12.65	142	319967	39.765	ng		97
38) 1-Methylnaphthalene	12.86	142	309905	39.955	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	190634	41.859	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	134673	54.267	ng		97
43) 2,4,6-Trichlorophenol	13.23	196	123723	44.184	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	131312	44.743	ng		98
46) 1,1'-Biphenyl	13.64	154	471055	39.553	ng		99
47) 2-Chloronaphthalene	13.69	162	358994	40.070	ng		98
48) 2-Nitroaniline	13.89	65	113985	44.931	ng		94
49) Acenaphthylene	14.53	152	539994	39.944	ng		100
50) Dimethylphthalate	14.25	163	455477	39.400	ng		98
51) 2,6-Dinitrotoluene	14.38	165	99127	46.169	ng		99
52) Acenaphthene	14.87	154	345046	39.320	ng		98
53) 3-Nitroaniline	14.71	138	104023	45.028	ng	#	93
54) 2,4-Dinitrophenol	14.91	184	34734	46.106	ng		93
55) Dibenzofuran	15.20	168	563325	40.038	ng		100
56) 4-Nitrophenol	14.99	139	86661	44.251	ng		90
57) 2,4-Dinitrotoluene	15.16	165	132418	47.871	ng	#	88
58) Fluorene	15.85	166	412894	39.367	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	123073	44.788	ng		99
60) Diethylphthalate	15.61	149	459478	38.442	ng		99
61) 4-Chlorophenyl-phenylether	15.84	204	242379	40.812	ng		95
62) 4-Nitroaniline	15.87	138	107740	44.755	ng		91
63) Azobenzene	16.13	77	437269	37.429	ng		98
65) 4,6-Dinitro-2-methylphenol	15.92	198	63204	47.391	ng		95
66) n-Nitrosodiphenylamine	16.05	169	405834	39.220	ng		100
67) 4-Bromophenyl-phenylether	16.73	248	153528	40.666	ng		96
68) Hexachlorobenzene	16.84	284	159307	42.057	ng		95
69) Atrazine	16.99	200	152978	40.454	ng		95
70) Pentachlorophenol	17.18	266	113694	43.187	ng		99
71) Phenanthrene	17.59	178	687739	39.046	ng		99
72) Anthracene	17.68	178	675118	38.913	ng		98
73) Carbazole	17.95	167	665603	38.442	ng		100
74) Di-n-butylphthalate	18.49	149	785656	38.895	ng		100
75) Fluoranthene	19.59	202	807466	39.497	ng		100
77) Benzidine	19.77	184	467675	42.130	ng		99
78) Pyrene	19.95	202	832175	39.480	ng		99
80) Butylbenzylphthalate	20.82	149	357457	40.202	ng		99
81) Benzo(a)anthracene	21.82	228	795323	39.752	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	304841	41.092	ng		98
83) Chrysene	21.89	228	760762	39.944	ng		100
84) Bis(2-ethylhexyl)phthalate	21.70	149	497563	39.224	ng		99
85) Di-n-octyl phthalate	22.97	149	830329	39.621	ng		98
86) Indeno(1,2,3-cd)pyrene	29.12	276	863617	42.263	ng	#	94
88) Benzo(b)fluoranthene	24.14	252	764774	40.051	ng		98
89) Benzo(k)fluoranthene	24.22	252	752616	39.258	ng		99
90) Benzo(a)pyrene	25.06	252	738530	40.160	ng		100
91) Dibenzo(a,h)anthracene	29.19	278	708097	41.116	ng		99
92) Benzo(g,h,i)perylene	30.35	276	712600	41.513	ng		99

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

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