Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
Data File : BG039367.D
Acq On : 6 Feb 2019 12:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/7/2019 8:40:43 AM

Quant Time: Feb 06 13:21:31 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	57553	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	244221	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	160818	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	375543	20.00	ng		0.00
76) Chrysene-d12	21.84	240	379050	20.00	ng		0.00
87) Perylene-d12	25.22	264	395933	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	271400	80.71	ng		0.00
7) Phenol-d6	7.31	99	396994	80.20	ng		0.00
23) Nitrobenzene-d5	9.36	82	361373	92.44	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	151076	87.24	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	874138	77.98	ng		0.00
79) Terphenyl-d14	20.14	244	1352808	75.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	58587	39.830	ng		92
3) Pyridine	4.02	79	162494	41.724	ng		98
4) n-Nitrosodimethylamine	3.93	42	72107	37.022	ng		99
6) Aniline	7.50	93	235733	38.021	ng		98
8) 2-Chlorophenol	7.73	128	152041	41.363	ng		93
9) Benzaldehyde	7.32	77	101681	41.601	ng		98
10) Phenol	7.34	94	202557	39.257	ng		99
11) bis(2-Chloroethyl)ether	7.59	93	161509	39.613	ng		95
12) 1,3-Dichlorobenzene	8.06	146	176461	39.628	ng		96
13) 1,4-Dichlorobenzene	8.22	146	180740	40.723	ng		99
14) 1,2-Dichlorobenzene	8.53	146	172220	40.083	ng		96
15) Benzyl Alcohol	8.42	79	151344	38.946	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	327909	35.614	ng		99
17) 2-Methylphenol	8.60	107	132529	39.691	ng		92
18) Hexachloroethane	9.26	117	63188	41.382	ng		93
19) n-Nitroso-di-n-propylamine	8.99	70	131197	37.344	ng		96
20) 3+4-Methylphenols	8.93	107	183683	39.948	ng		97
22) Acetophenone	9.01	105	259474	39.553	ng	#	94
24) Nitrobenzene	9.40	77	186395	44.134	ng		99
25) Isophorone	9.91	82	323925	37.392	ng		98
26) 2-Nitrophenol	10.11	139	80873	48.717	ng		97
27) 2,4-Dimethylphenol	10.14	122	143420	40.926	ng		99
28) bis(2-Chloroethoxy)methane	10.40	93	214293	40.160	ng		98
29) 2,4-Dichlorophenol	10.64	162	164049	42.832	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	183383	42.647	ng		98
31) Naphthalene	11.05	128	480939	39.696	ng		99
32) Benzoic acid	10.25	122	88274	40.259	ng		95
33) 4-Chloroaniline	11.16	127	222753	39.652	ng		98
34) Hexachlorobutadiene	11.32	225	126607	44.274	ng		95
35) Caprolactam	11.95	113	62836	39.646	ng		93
36) 4-Chloro-3-methylphenol	12.25	107	178021	40.190	ng		98
37) 2-Methylnaphthalene	12.65	142	350468	39.056	ng		96
38) 1-Methylnaphthalene	12.86	142	333697	38.578	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	212149	41.462	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	111181	39.876	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	136440	43.369	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	143657	43.568	ng		97
46) 1,1'-Biphenyl	13.64	154	519875	38.853	ng		98
47) 2-Chloronaphthalene	13.69	162	405980	40.332	ng		98
48) 2-Nitroaniline	13.89	65	125777	44.276	ng		94
49) Acenaphthylene	14.53	152	594630	39.150	ng		99
50) Dimethylphthalate	14.25	163	509340	39.215	ng		99
51) 2,6-Dinitrotoluene	14.38	165	107869	44.924	ng		97
52) Acenaphthene	14.87	154	390703	39.628	ng		99
53) 3-Nitroaniline	14.71	138	117963	45.394	ng	#	92
54) 2,4-Dinitrophenol	14.91	184	25411	33.539	ng		97
55) Dibenzofuran	15.20	168	623950	39.472	ng		99
56) 4-Nitrophenol	14.99	139	90348	41.480	ng		92
57) 2,4-Dinitrotoluene	15.16	165	147671	47.574	ng	#	89
58) Fluorene	15.85	166	456484	38.738	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	135361m	43.844	ng		
60) Diethylphthalate	15.60	149	513258	38.220	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	270461	40.534	ng		97
62) 4-Nitroaniline	15.87	138	118011	43.738	ng		96
63) Azobenzene	16.13	77	480703	36.624	ng		97
65) 4,6-Dinitro-2-methylphenol	15.92	198	63835	44.495	ng		92
66) n-Nitrosodiphenylamine	16.05	169	450596	39.460	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	171254	41.105	ng		93
68) Hexachlorobenzene	16.83	284	176346	42.188	ng		96
69) Atrazine	16.99	200	160752	38.522	ng		98
70) Pentachlorophenol	17.18	266	118707	40.861	ng		97
71) Phenanthrene	17.59	178	758412	39.019	ng		99
72) Anthracene	17.68	178	750907	39.221	ng		98
73) Carbazole	17.95	167	735037	38.470	ng		99
74) Di-n-butylphthalate	18.48	149	866926	38.892	ng		98
75) Fluoranthene	19.59	202	888425	39.380	ng		98
77) Benzidine	19.77	184	310231	24.964	ng		99
78) Pyrene	19.95	202	912092	38.653	ng		99
80) Butylbenzylphthalate	20.82	149	390301	39.210	ng		96
81) Benzo(a)anthracene	21.82	228	883660	39.453	ng		98
82) 3,3'-Dichlorobenzidine	21.73	252	330811	39.833	ng		98
83) Chrysene	21.89	228	836670	39.241	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	554727	39.063	ng		99
85) Di-n-octyl phthalate	22.97	149	916591	39.068	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	973871	42.572	ng		99
88) Benzo(b)fluoranthene	24.14	252	841772	38.985	ng		99
89) Benzo(k)fluoranthene	24.21	252	856152	39.493	ng		99
90) Benzo(a)pyrene	25.06	252	826015	39.722	ng		98
91) Dibenzo(a,h)anthracene	29.19	278	791625	40.649	ng		98
92) Benzo(g,h,i)perylene	30.34	276	797445	41.082	ng		98

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

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