Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
Data File : BG039524.D
Acq On : 15 Feb 2019 15:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 16 03:16:26 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	8.17	152	49458	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	221922	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	148498	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	348158	20.00	ng		-0.01
76) Chrysene-d12	21.84	240	356752	20.00	ng		-0.01
87) Perylene-d12	25.22	264	371784	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	238142	82.41	ng		0.00
7) Phenol-d6	7.31	99	364338	85.65	ng		0.00
23) Nitrobenzene-d5	9.35	82	336341	94.68	ng		-0.02
42) 2,4,6-Tribromophenol	16.29	330	144385	90.29	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	808731	78.13	ng		-0.02
79) Terphenyl-d14	20.13	244	1275903	75.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	49046	38.801	ng		94
3) Pyridine	4.01	79	136939	40.918	ng		94
4) n-Nitrosodimethylamine	3.93	42	60811	36.333	ng		91
6) Aniline	7.50	93	213652	40.100	ng		98
8) 2-Chlorophenol	7.73	128	134835	42.686	ng		94
9) Benzaldehyde	7.31	77	87218	41.492	ng		98
10) Phenol	7.34	94	191093	43.097	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	138952	39.658	ng		96
12) 1,3-Dichlorobenzene	8.06	146	151300	39.539	ng		95
13) 1,4-Dichlorobenzene	8.21	146	152019	39.858	ng		98
14) 1,2-Dichlorobenzene	8.53	146	145467	39.398	ng		99
15) Benzyl Alcohol	8.41	79	138066	41.344	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	265523	33.558	ng		98
17) 2-Methylphenol	8.61	107	121692	42.410	ng		95
18) Hexachloroethane	9.26	117	52459	39.979	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	116421	38.562	ng		95
20) 3+4-Methylphenols	8.93	107	172245	43.592	ng		97
22) Acetophenone	9.00	105	231595	38.850	ng	#	95
24) Nitrobenzene	9.39	77	170436	44.411	ng		97
25) Isophorone	9.91	82	293014	37.222	ng		98
26) 2-Nitrophenol	10.10	139	84104	53.823	ng		96
27) 2,4-Dimethylphenol	10.15	122	131416	41.268	ng		94
28) bis(2-Chloroethoxy)methane	10.39	93	192095	39.618	ng		98
29) 2,4-Dichlorophenol	10.63	162	158040	45.409	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	161865	41.425	ng		99
31) Naphthalene	11.05	128	424429	38.551	ng		100
32) Benzoic acid	10.27	122	101185	48.426	ng		95
33) 4-Chloroaniline	11.16	127	210156	41.169	ng		97
34) Hexachlorobutadiene	11.30	225	105662	40.662	ng		95
35) Caprolactam	11.94	113	60273	41.850	ng		91
36) 4-Chloro-3-methylphenol	12.26	107	175042	43.488	ng		96
37) 2-Methylnaphthalene	12.64	142	315007	38.631	ng		98
38) 1-Methylnaphthalene	12.85	142	305100	38.816	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	193197	40.890	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	132404	51.427 ng		96
43) 2,4,6-Trichlorophenol	13.23	196	132991	45.779 ng		97
44) 2,4,5-Trichlorophenol	13.31	196	141761	46.560 ng		98
46) 1,1'-Biphenyl	13.63	154	479502	38.809 ng		99
47) 2-Chloronaphthalene	13.68	162	375405	40.389 ng		99
48) 2-Nitroaniline	13.89	65	126862	47.598 ng		90
49) Acenaphthylene	14.52	152	552691	39.408 ng		99
50) Dimethylphthalate	14.24	163	469653	39.160 ng		99
51) 2,6-Dinitrotoluene	14.37	165	107944	48.136 ng		99
52) Acenaphthene	14.86	154	351784	38.641 ng		97
53) 3-Nitroaniline	14.71	138	111319	46.264 ng	#	92
54) 2,4-Dinitrophenol	14.90	184	34931	45.073 ng		97
55) Dibenzofuran	15.19	168	581505	39.839 ng		99
56) 4-Nitrophenol	15.00	139	83548	41.532 ng		92
57) 2,4-Dinitrotoluene	15.15	165	149041	51.271 ng		88
58) Fluorene	15.84	166	425711	39.124 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	126326	44.312 ng		98
60) Diethylphthalate	15.59	149	468572	37.787 ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	254715	41.342 ng		94
62) 4-Nitroaniline	15.87	138	114552	45.763 ng		90
63) Azobenzene	16.12	77	441154	36.399 ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	68975	49.610 ng		98
66) n-Nitrosodiphenylamine	16.04	169	416484	39.342 ng		99
67) 4-Bromophenyl-phenylether	16.72	248	160878	41.652 ng		96
68) Hexachlorobenzene	16.83	284	163292	42.138 ng		95
69) Atrazine	16.98	200	144712	37.406 ng		95
70) Pentachlorophenol	17.18	266	99946	37.109 ng		99
71) Phenanthrene	17.58	178	700007	38.847 ng		99
72) Anthracene	17.67	178	694937	39.153 ng		98
73) Carbazole	17.95	167	682374	38.523 ng		98
74) Di-n-butylphthalate	18.48	149	789528	38.206 ng		99
75) Fluoranthene	19.58	202	827134	39.547 ng		99
77) Benzidine	19.76	184	408372	34.915 ng		100
78) Pyrene	19.94	202	853854	38.447 ng		98
80) Butylbenzylphthalate	20.81	149	372894	39.803 ng		96
81) Benzo(a)anthracene	21.81	228	822613	39.023 ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	315668	40.385 ng		98
83) Chrysene	21.88	228	783403	39.039 ng		100
84) Bis(2-ethylhexyl)phthalate	21.68	149	521332	39.006 ng		100
85) Di-n-octyl phthalate	22.95	149	884925	40.076 ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	868402	40.334 ng		97
88) Benzo(b)fluoranthene	24.13	252	782961	38.616 ng		98
89) Benzo(k)fluoranthene	24.20	252	768747	37.765 ng		99
90) Benzo(a)pyrene	25.06	252	755793	38.705 ng		99
91) Dibenzo(a,h)anthracene	29.18	278	704278	38.513 ng		99
92) Benzo(g,h,i)perylene	30.34	276	678283	37.213 ng		98

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

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