Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035352.D
Acq On : 23 Jun 2018 4:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 23 05:04:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50218	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	196755	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	141223	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	376516	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	414183	20.00	ng		-0.03
86) Perylene-d12	24.90	264	420796	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	230795	77.56	ng		-0.02
7) Phenol-d6	7.21	99	340582	77.55	ng		-0.02
23) Nitrobenzene-d5	9.22	82	344918	83.33	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	157159	86.93	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	789144	72.64	ng		-0.03
78) Terphenyl-d14	20.03	244	1390570	70.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	55605	39.165	ng	#	68
3) Pyridine	3.95	79	149339	38.984	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	55886	33.958	ng	#	74
6) Aniline	7.38	93	206120	36.307	ng		95
8) 2-Chlorophenol	7.62	128	114614	36.745	ng		93
9) Benzaldehyde	7.19	77	104699	30.949	ng		97
10) Phenol	7.24	94	171738	37.785	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	129208	36.626	ng		88
12) 1,3-Dichlorobenzene	7.94	146	139554	37.498	ng		92
13) 1,4-Dichlorobenzene	8.09	146	143037	37.232	ng		96
14) 1,2-Dichlorobenzene	8.41	146	134671	37.319	ng		93
15) Benzyl Alcohol	8.29	79	141175	33.923	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97042	27.638	ng		71
17) 2-Methylphenol	8.49	107	116091	38.741	ng		95
18) Hexachloroethane	9.14	117	51469	37.421	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	125491	33.632	ng	#	87
20) 3+4-Methylphenols	8.82	107	156641	36.469	ng		88
22) Acetophenone	8.88	105	221705	36.376	ng	#	90
24) Nitrobenzene	9.26	77	170883	40.316	ng		93
25) Isophorone	9.78	82	298585	34.166	ng		98
26) 2-Nitrophenol	9.97	139	67125	45.944	ng	#	91
27) 2,4-Dimethylphenol	10.02	122	109956	35.805	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	171801	36.582	ng		96
29) 2,4-Dichlorophenol	10.50	162	130770	39.135	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	157582	39.329	ng		98
31) Naphthalene	10.91	128	387584	37.920	ng		97
32) Benzoic acid	10.16	122	82364	40.042	ng		90
33) 4-Chloroaniline	11.01	127	168438	37.952	ng		95
34) Hexachlorobutadiene	11.19	225	123120	39.511	ng		97
35) Caprolactam	11.79	113	47654	38.589	ng	#	80
36) 4-Chloro-3-methylphenol	12.13	107	162778	39.079	ng		94
37) 2-Methylnaphthalene	12.51	142	290846	37.532	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	202418	38.481	ng		98
40) Hexachlorocyclopentadiene	12.85	237	119767	36.308	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	128459	40.784	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	142262	41.151	ng		98
45) 1,1'-Biphenyl	13.51	154	413943	36.452	ng		98
46) 2-Chloronaphthalene	13.55	162	315969	36.802	ng		99
47) 2-Nitroaniline	13.75	65	108579	42.827	ng		93
48) Acenaphthylene	14.40	152	532692	37.002	ng		97
49) Dimethylphthalate	14.13	163	445622	36.185	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	97337	43.325	ng		94
51) Acenaphthene	14.74	154	332965	35.398	ng		98
52) 3-Nitroaniline	14.58	138	98002	44.454	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	45333	49.858	ng	#	58
54) Dibenzofuran	15.08	168	520530	36.950	ng		93
55) 4-Nitrophenol	14.88	139	75288	40.464	ng	#	86
56) 2,4-Dinitrotoluene	15.03	165	143742	48.163	ng	#	86
57) Fluorene	15.72	166	448053	38.056	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	138038	41.102	ng		94
59) Diethylphthalate	15.49	149	451596	35.942	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	262168	39.051	ng		96
61) 4-Nitroaniline	15.74	138	103581	43.811	ng	#	81
62) Azobenzene	16.00	77	420721	34.170	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	86226	50.159	ng		82
65) n-Nitrosodiphenylamine	15.93	169	406892	35.985	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	172710	38.091	ng		98
67) Hexachlorobenzene	16.73	284	178765	38.736	ng		96
68) Atrazine	16.87	200	174468	36.182	ng		99
69) Pentachlorophenol	17.07	266	123613	39.833	ng		100
70) Phenanthrene	17.46	178	715509	37.410	ng		99
71) Anthracene	17.55	178	714378	37.288	ng		97
72) Carbazole	17.82	167	661255	37.199	ng		99
73) Di-n-butylphthalate	18.38	149	747376	35.275	ng		98
74) Fluoranthene	19.47	202	939301	37.741	ng		96
76) Benzidine	19.65	184	484544	31.445	ng		97
77) Pyrene	19.83	202	959777	35.151	ng		98
79) Butylbenzylphthalate	20.71	149	335904	33.879	ng		98
80) Benzo(a)anthracene	21.67	228	965628	36.484	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	357164	35.868	ng	#	99
82) Chrysene	21.73	228	889716	36.715	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	469503	33.513	ng	#	98
84) Di-n-octyl phthalate	22.78	149	798733	33.232	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.57	276	1070735	37.726	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	941086	36.316	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	938546	37.025	ng	#	97
89) Benzo(a)pyrene	24.76	252	887086	36.380	ng	#	95
90) Dibenzo(a,h)anthracene	28.64	278	881328	36.614	ng	#	94
91) Benzo(g,h,i)perylene	29.73	276	863336	36.649	ng	#	94

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

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