Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037475.D
Acq On : 23 Oct 2018 14:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 24 04:16:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	75094	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	363293	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	238206	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	563047	20.00	ng		0.00
76) Chrysene-d12	21.77	240	494622	20.00	ng		0.00
87) Perylene-d12	25.11	264	521401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	356619	79.40	ng		0.00
7) Phenol-d6	7.25	99	551828	81.25	ng		0.00
23) Nitrobenzene-d5	9.29	82	520573	80.27	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	209449	80.62	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1214070	76.86	ng		0.00
79) Terphenyl-d14	20.09	244	1763860	76.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	89413	39.253	ng		98
3) Pyridine	3.94	79	235452	41.011	ng		98
4) n-Nitrosodimethylamine	3.86	42	90140	44.080	ng	#	98
6) Aniline	7.44	93	353210	42.629	ng		98
8) 2-Chlorophenol	7.67	128	209222	39.817	ng		99
9) Benzaldehyde	7.25	77	136098	32.033	ng		94
10) Phenol	7.28	94	290482	40.535	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	226457	41.607	ng		96
12) 1,3-Dichlorobenzene	7.99	146	232021	39.663	ng		96
13) 1,4-Dichlorobenzene	8.15	146	239313	39.994	ng		99
14) 1,2-Dichlorobenzene	8.46	146	226926	39.424	ng		98
15) Benzyl Alcohol	8.35	79	215187	42.878	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	416896	42.808	ng		98
17) 2-Methylphenol	8.54	107	198276	41.851	ng		98
18) Hexachloroethane	9.19	117	83550	40.956	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	199422	42.639	ng		95
20) 3+4-Methylphenols	8.87	107	280289	41.379	ng		98
22) Acetophenone	8.94	105	365227	40.085	ng	#	98
24) Nitrobenzene	9.33	77	269951	40.069	ng		94
25) Isophorone	9.85	82	490987	41.435	ng		96
26) 2-Nitrophenol	10.04	139	118898	39.175	ng		96
27) 2,4-Dimethylphenol	10.08	122	212130	39.146	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	313320	40.358	ng		96
29) 2,4-Dichlorophenol	10.57	162	237985	39.444	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	257359	39.224	ng		96
31) Naphthalene	10.98	128	701702	39.324	ng		99
32) Benzoic acid	10.22	122	156751	44.536	ng		97
33) 4-Chloroaniline	11.09	127	340817	40.650	ng		98
34) Hexachlorobutadiene	11.24	225	152821	39.299	ng		95
35) Caprolactam	11.89	113	98006	40.501	ng		92
36) 4-Chloro-3-methylphenol	12.19	107	269701	39.636	ng		99
37) 2-Methylnaphthalene	12.58	142	514469	39.552	ng		99
38) 1-Methylnaphthalene	12.79	142	499612	39.551	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	308607	40.165	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	149802	40.816	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	203324	39.610	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	221045	39.551	ng		95
46) 1,1'-Biphenyl	13.58	154	774038	39.236	ng		98
47) 2-Chloronaphthalene	13.62	162	589974	39.530	ng		99
48) 2-Nitroaniline	13.83	65	183732	40.595	ng		93
49) Acenaphthylene	14.47	152	890967	39.685	ng		99
50) Dimethylphthalate	14.19	163	723230	39.246	ng		99
51) 2,6-Dinitrotoluene	14.32	165	163135	40.017	ng		97
52) Acenaphthene	14.80	154	545201	39.431	ng		98
53) 3-Nitroaniline	14.65	138	186505	41.211	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	68681	50.613	ng		97
55) Dibenzofuran	15.14	168	879903	38.409	ng		98
56) 4-Nitrophenol	14.94	139	141057	42.108	ng		98
57) 2,4-Dinitrotoluene	15.10	165	229657	42.916	ng		98
58) Fluorene	15.79	166	663342	38.667	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	188115	39.312	ng		98
60) Diethylphthalate	15.54	149	750199	39.653	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	394989	39.502	ng		100
62) 4-Nitroaniline	15.82	138	189753	42.196	ng		89
63) Azobenzene	16.07	77	711253	39.402	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	110546	39.291	ng		97
66) n-Nitrosodiphenylamine	15.99	169	664187	39.216	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	240682	38.925	ng		98
68) Hexachlorobenzene	16.78	284	246036	38.393	ng		99
69) Atrazine	16.94	200	242064	39.531	ng		100
70) Pentachlorophenol	17.13	266	178055	41.481	ng		94
71) Phenanthrene	17.53	178	1100692	38.464	ng		97
72) Anthracene	17.62	178	1086373	38.685	ng		98
73) Carbazole	17.89	167	1111309	39.561	ng		99
74) Di-n-butylphthalate	18.43	149	1252457	40.081	ng		98
75) Fluoranthene	19.53	202	1273892	39.250	ng		97
77) Benzidine	19.72	184	540207	32.120	ng		99
78) Pyrene	19.90	202	1273640	39.390	ng		98
80) Butylbenzylphthalate	20.77	149	548799	41.472	ng		99
81) Benzo(a)anthracene	21.75	228	1159591	39.635	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	440060	38.806	ng		98
83) Chrysene	21.82	228	1100818	39.130	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	767536	41.379	ng		98
85) Di-n-octyl phthalate	22.88	149	1235028	40.831	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1215925	40.298	ng		99
88) Benzo(b)fluoranthene	24.04	252	1109224	38.804	ng		98
89) Benzo(k)fluoranthene	24.12	252	1110185	39.641	ng		96
90) Benzo(a)pyrene	24.95	252	1084527	39.927	ng		98
91) Dibenzo(a,h)anthracene	29.02	278	986401	39.369	ng		96
92) Benzo(g,h,i)perylene	30.15	276	999366	39.425	ng		99

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

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