Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037530.D
Acq On : 25 Oct 2018 3:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 25 04:33:45 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	90209	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	407779	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	268525	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	622224	20.00	ng		0.00
76) Chrysene-d12	21.77	240	549734	20.00	ng		0.00
87) Perylene-d12	25.11	264	594548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	438597	81.29	ng		0.00
7) Phenol-d6	7.25	99	643363	78.85	ng		0.00
23) Nitrobenzene-d5	9.29	82	587320	80.68	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	233436	79.70	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1300885	73.05	ng		0.00
79) Terphenyl-d14	20.09	244	1854543	72.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	107253	39.196	ng		98
3) Pyridine	3.94	79	280102	40.613	ng		95
4) n-Nitrosodimethylamine	3.86	42	105860	43.093	ng	#	99
6) Aniline	7.43	93	386807	38.861	ng		98
8) 2-Chlorophenol	7.66	128	246935	39.120	ng		99
9) Benzaldehyde	7.25	77	180851	35.434	ng		97
10) Phenol	7.28	94	338326	39.301	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	249740	38.197	ng		100
12) 1,3-Dichlorobenzene	7.99	146	269768	38.389	ng		97
13) 1,4-Dichlorobenzene	8.14	146	271346	37.749	ng		98
14) 1,2-Dichlorobenzene	8.46	146	259865	37.582	ng		100
15) Benzyl Alcohol	8.35	79	238539	39.567	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	461447	39.444	ng		98
17) 2-Methylphenol	8.53	107	221395	38.900	ng		98
18) Hexachloroethane	9.19	117	97159	39.647	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	215528	38.361	ng		98
20) 3+4-Methylphenols	8.87	107	321224	39.477	ng		99
22) Acetophenone	8.94	105	395044	38.628	ng	#	98
24) Nitrobenzene	9.33	77	303318	40.110	ng		97
25) Isophorone	9.84	82	536128	40.309	ng		98
26) 2-Nitrophenol	10.03	139	149725	43.951	ng		97
27) 2,4-Dimethylphenol	10.08	122	239102	39.310	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	339295	38.936	ng		95
29) 2,4-Dichlorophenol	10.57	162	270352	39.920	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	282951	38.420	ng		99
31) Naphthalene	10.98	128	764154	38.152	ng		99
32) Benzoic acid	10.23	122	200284	50.696	ng		97
33) 4-Chloroaniline	11.09	127	373740	39.714	ng		97
34) Hexachlorobutadiene	11.24	225	167497	38.374	ng		99
35) Caprolactam	11.89	113	109343	40.257	ng		93
36) 4-Chloro-3-methylphenol	12.19	107	303122	39.688	ng		99
37) 2-Methylnaphthalene	12.58	142	561950	38.489	ng		98
38) 1-Methylnaphthalene	12.79	142	546011	38.508	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	334576	38.628	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	159055	38.444	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	235195	40.645	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	252199	40.030	ng		98
46) 1,1'-Biphenyl	13.58	154	837054	37.640	ng		97
47) 2-Chloronaphthalene	13.62	162	639365	38.002	ng		98
48) 2-Nitroaniline	13.83	65	217194	42.570	ng		96
49) Acenaphthylene	14.47	152	965225	38.138	ng		97
50) Dimethylphthalate	14.19	163	785058	37.791	ng		100
51) 2,6-Dinitrotoluene	14.32	165	181342	39.461	ng		96
52) Acenaphthene	14.80	154	584464	37.498	ng		98
53) 3-Nitroaniline	14.65	138	205403	40.262	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	57211	41.863	ng		91
55) Dibenzofuran	15.14	168	947775	36.701	ng		96
56) 4-Nitrophenol	14.94	139	149108	39.486	ng		96
57) 2,4-Dinitrotoluene	15.10	165	252029	41.779	ng		99
58) Fluorene	15.78	166	717713	37.113	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	207421	38.452	ng		98
60) Diethylphthalate	15.54	149	806957	37.837	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	420145	37.274	ng		99
62) 4-Nitroaniline	15.82	138	207100	40.853	ng		92
63) Azobenzene	16.07	77	769600	37.821	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	128302	40.837	ng		98
66) n-Nitrosodiphenylamine	15.99	169	715035	38.203	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	264880	38.765	ng		96
68) Hexachlorobenzene	16.78	284	266511	37.633	ng		99
69) Atrazine	16.93	200	254661	37.633	ng		99
70) Pentachlorophenol	17.12	266	189177	39.880	ng		97
71) Phenanthrene	17.53	178	1170867	37.025	ng		98
72) Anthracene	17.62	178	1158857	37.342	ng		97
73) Carbazole	17.89	167	1178189	37.953	ng		98
74) Di-n-butylphthalate	18.43	149	1343893	38.916	ng		99
75) Fluoranthene	19.53	202	1338739	37.325	ng		97
77) Benzidine	19.72	184	601973	32.204	ng		99
78) Pyrene	19.90	202	1364527	37.970	ng		98
80) Butylbenzylphthalate	20.77	149	614070	41.752	ng		99
81) Benzo(a)anthracene	21.75	228	1248779	38.405	ng		96
82) 3,3'-Dichlorobenzidine	21.67	252	493233	39.135	ng		100
83) Chrysene	21.82	228	1202599	38.463	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	852778	41.365	ng		97
85) Di-n-octyl phthalate	22.87	149	1416273	42.129	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1280066	38.170	ng		98
88) Benzo(b)fluoranthene	24.04	252	1242740	38.126	ng		99
89) Benzo(k)fluoranthene	24.11	252	1207815	37.821	ng		96
90) Benzo(a)pyrene	24.95	252	1202238	38.816	ng		99
91) Dibenzo(a,h)anthracene	29.01	278	1038900	36.363	ng		98
92) Benzo(g,h,i)perylene	30.14	276	1012135	35.016	ng		99

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

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