Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039836.D
Acq On : 11 Mar 2019 11:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 11 11:53:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39463	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	185850	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	129987	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	319260	20.00	ng		0.00
76) Chrysene-d12	21.82	240	311058	20.00	ng		0.00
87) Perylene-d12	25.18	264	324649	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	185035	79.99	ng		0.00
7) Phenol-d6	7.30	99	284591	82.51	ng		-0.02
23) Nitrobenzene-d5	9.34	82	273983	79.73	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	122329	80.74	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	696585	76.30	ng		0.00
79) Terphenyl-d14	20.11	244	1109669	78.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39628	37.107	ng		94
3) Pyridine	4.00	79	115392	40.361	ng		99
4) n-Nitrosodimethylamine	3.91	42	55238	40.727	ng		93
6) Aniline	7.48	93	181431	40.150	ng		98
8) 2-Chlorophenol	7.71	128	111286	39.656	ng		96
9) Benzaldehyde	7.30	77	85361	38.367	ng		98
10) Phenol	7.33	94	154192	41.267	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	113720	39.036	ng		98
12) 1,3-Dichlorobenzene	8.04	146	125147	39.430	ng		97
13) 1,4-Dichlorobenzene	8.19	146	127605	39.471	ng		98
14) 1,2-Dichlorobenzene	8.51	146	122549	39.234	ng		98
15) Benzyl Alcohol	8.40	79	111354	40.700	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	228194	39.165	ng		100
17) 2-Methylphenol	8.58	107	99112	41.600	ng		95
18) Hexachloroethane	9.24	117	44767	38.592	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	98724	39.767	ng		93
20) 3+4-Methylphenols	8.91	107	134656	40.684	ng		96
22) Acetophenone	8.98	105	195409	39.175	ng	#	94
24) Nitrobenzene	9.38	77	145473	40.354	ng		98
25) Isophorone	9.89	82	287184	39.886	ng		98
26) 2-Nitrophenol	10.08	139	67686	38.888	ng		95
27) 2,4-Dimethylphenol	10.13	122	109633	40.500	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	167879	38.367	ng		99
29) 2,4-Dichlorophenol	10.62	162	126842	41.618	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	135676	39.561	ng		98
31) Naphthalene	11.03	128	386517	39.280	ng		100
32) Benzoic acid	10.25	122	64815	36.677	ng		95
33) 4-Chloroaniline	11.14	127	170798	40.934	ng		98
34) Hexachlorobutadiene	11.29	225	91205	38.917	ng		95
35) Caprolactam	11.92	113	48793	41.910	ng		90
36) 4-Chloro-3-methylphenol	12.24	107	146770	42.009	ng		98
37) 2-Methylnaphthalene	12.62	142	292637	39.779	ng		98
38) 1-Methylnaphthalene	12.84	142	282296	39.486	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	168925	38.360	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	79364	33.630	ng		97
43) 2,4,6-Trichlorophenol	13.22	196	105137	40.780	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	119499	41.121	ng		99
46) 1,1'-Biphenyl	13.62	154	412979	38.628	ng		99
47) 2-Chloronaphthalene	13.66	162	312019	38.794	ng		97
48) 2-Nitroaniline	13.87	65	106878	41.349	ng		98
49) Acenaphthylene	14.51	152	518853	39.297	ng		100
50) Dimethylphthalate	14.23	163	423668	38.978	ng		99
51) 2,6-Dinitrotoluene	14.36	165	95312	41.363	ng		98
52) Acenaphthene	14.85	154	309199	38.909	ng		98
53) 3-Nitroaniline	14.69	138	95955	41.426	ng	#	93
54) 2,4-Dinitrophenol	14.89	184	51732	38.517	ng		97
55) Dibenzofuran	15.18	168	509046	39.043	ng		98
56) 4-Nitrophenol	14.98	139	76769	37.050	ng		92
57) 2,4-Dinitrotoluene	15.15	165	137424	42.444	ng	#	82
58) Fluorene	15.83	166	404475	39.462	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117228	41.305	ng	#	96
60) Diethylphthalate	15.58	149	431390	40.092	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	214398	39.199	ng		97
62) 4-Nitroaniline	15.86	138	102658	40.882	ng		99
63) Azobenzene	16.10	77	392906	40.283	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	66374	35.162	ng		92
66) n-Nitrosodiphenylamine	16.03	169	360219	38.974	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	140049	39.190	ng		95
68) Hexachlorobenzene	16.82	284	146422	39.528	ng		96
69) Atrazine	16.97	200	145479	39.993	ng		94
70) Pentachlorophenol	17.17	266	84117	35.956	ng		98
71) Phenanthrene	17.57	178	679843	38.660	ng		99
72) Anthracene	17.66	178	673079	39.277	ng		99
73) Carbazole	17.93	167	606903	39.285	ng		98
74) Di-n-butylphthalate	18.46	149	723119	39.783	ng		100
75) Fluoranthene	19.57	202	799518	38.471	ng		99
77) Benzidine	19.75	184	441833	44.762	ng		99
78) Pyrene	19.93	202	797727	39.467	ng		99
80) Butylbenzylphthalate	20.80	149	326383	41.679	ng		96
81) Benzo(a)anthracene	21.79	228	774487	39.728	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	285100	40.056	ng		99
83) Chrysene	21.87	228	737671	39.031	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	454202	41.275	ng		99
85) Di-n-octyl phthalate	22.91	149	762294	41.837	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	843249	39.329	ng	#	95
88) Benzo(b)fluoranthene	24.11	252	758543	39.182	ng		98
89) Benzo(k)fluoranthene	24.18	252	707841	39.279	ng		99
90) Benzo(a)pyrene	25.03	252	717777	40.123	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	681765	38.874	ng		98
92) Benzo(g,h,i)perylene	30.28	276	685334	38.909	ng		96

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

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