Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043011.D
Acq On : 3 Oct 2019 14:31
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 03 15:07:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	81803	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	321033	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	221652	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	481220	20.00	ng		0.00
76) Chrysene-d12	21.70	240	495062	20.00	ng		-0.01
87) Perylene-d12	24.92	264	581859	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	371875	81.13	ng		0.00
7) Phenol-d6	7.24	99	530716	80.40	ng		0.00
23) Nitrobenzene-d5	9.23	82	505271	76.50	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	293532	77.01	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1205016	78.81	ng		0.00
79) Terphenyl-d14	20.04	244	1930236	83.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	71891	37.617	ng		91
3) Pyridine	3.96	79	212029	39.446	ng		93
4) n-Nitrosodimethylamine	3.87	42	94354	36.502	ng	#	79
6) Aniline	7.40	93	304978	38.275	ng		99
8) 2-Chlorophenol	7.64	128	191428	40.045	ng		97
9) Benzaldehyde	7.21	77	145357	36.037	ng		91
10) Phenol	7.26	94	242053	39.968	ng		94
11) bis(2-Chloroethyl)ether	7.49	93	186759	39.857	ng		94
12) 1,3-Dichlorobenzene	7.96	146	242349	39.742	ng		96
13) 1,4-Dichlorobenzene	8.11	146	238450	39.225	ng		98
14) 1,2-Dichlorobenzene	8.43	146	228525	39.486	ng		92
15) Benzyl Alcohol	8.31	79	196086	39.511	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	298757	33.199	ng		98
17) 2-Methylphenol	8.51	107	167625	39.557	ng		96
18) Hexachloroethane	9.16	117	88910	38.834	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	160367	36.999	ng		93
20) 3+4-Methylphenols	8.84	107	231302	39.831	ng		97
22) Acetophenone	8.89	105	319881	38.655	ng		97
24) Nitrobenzene	9.27	77	241059	38.263	ng		98
25) Isophorone	9.79	82	435073	37.501	ng		100
26) 2-Nitrophenol	9.98	139	112711	42.026	ng		94
27) 2,4-Dimethylphenol	10.04	122	161654	39.249	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	251130	38.151	ng		99
29) 2,4-Dichlorophenol	10.52	162	205153	40.050	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	263996	39.909	ng		97
31) Naphthalene	10.93	128	617315	39.062	ng		100
32) Benzoic acid	10.19	122	136937	43.578	ng		97
33) 4-Chloroaniline	11.03	127	270668	39.471	ng		95
34) Hexachlorobutadiene	11.21	225	195209	39.412	ng		98
35) Caprolactam	11.81	113	67934	37.607	ng		92
36) 4-Chloro-3-methylphenol	12.15	107	215165	38.632	ng		95
37) 2-Methylnaphthalene	12.52	142	458852	38.060	ng		93
38) 1-Methylnaphthalene	12.74	142	438614	38.449	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	327570	39.306	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	192799	36.309 ng	93
43) 2,4,6-Trichlorophenol	13.13	196	199702	40.940 ng	99
44) 2,4,5-Trichlorophenol	13.20	196	198528	39.508 ng	96
46) 1,1'-Biphenyl	13.52	154	654223	38.921 ng	99
47) 2-Chloronaphthalene	13.57	162	498246	39.536 ng	98
48) 2-Nitroaniline	13.77	65	158998	37.939 ng	87
49) Acenaphthylene	14.41	152	749889	38.887 ng	99
50) Dimethylphthalate	14.14	163	628037	37.816 ng	99
51) 2,6-Dinitrotoluene	14.26	165	140660	39.772 ng	95
52) Acenaphthene	14.76	154	505948	39.198 ng	99
53) 3-Nitroaniline	14.59	138	137107	37.512 ng	96
54) 2,4-Dinitrophenol	14.79	184	74686	33.974 ng	89
55) Dibenzofuran	15.09	168	721648	37.795 ng	100
56) 4-Nitrophenol	14.90	139	101500	36.447 ng	97
57) 2,4-Dinitrotoluene	15.04	165	195306	37.710 ng	98
58) Fluorene	15.74	166	610528	37.452 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	196599	36.745 ng	99
60) Diethylphthalate	15.50	149	608911	36.027 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	366327	37.470 ng	97
62) 4-Nitroaniline	15.75	138	146551	36.764 ng	97
63) Azobenzene	16.02	77	544685	35.397 ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	104351	38.321 ng	91
66) n-Nitrosodiphenylamine	15.94	169	527748	41.543 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	253997	42.054 ng	96
68) Hexachlorobenzene	16.74	284	282761	42.047 ng	96
69) Atrazine	16.88	200	200048	37.396 ng	94
70) Pentachlorophenol	17.08	266	157572	40.607 ng	98
71) Phenanthrene	17.48	178	925863	39.410 ng	98
72) Anthracene	17.56	178	929868	39.647 ng	100
73) Carbazole	17.83	167	843256	38.772 ng	98
74) Di-n-butylphthalate	18.39	149	999526	38.518 ng	99
75) Fluoranthene	19.48	202	1164770	37.484 ng	99
77) Benzidine	19.66	184	493972	39.850 ng	100
78) Pyrene	19.84	202	1175345	39.777 ng	99
80) Butylbenzylphthalate	20.73	149	462071	41.198 ng	97
81) Benzo(a)anthracene	21.68	228	1226315	39.755 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	497361	41.109 ng	99
83) Chrysene	21.75	228	1182547	39.504 ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	659863	41.346 ng	99
85) Di-n-octyl phthalate	22.81	149	1102692	42.254 ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1526152	40.953 ng	99
88) Benzo(b)fluoranthene	23.90	252	1290117	39.186 ng	99
89) Benzo(k)fluoranthene	23.97	252	1293756	39.722 ng	99
90) Benzo(a)pyrene	24.77	252	1220480	39.292 ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1272270	39.944 ng	100
92) Benzo(g,h,i)perylene	29.74	276	1217329	39.445 ng	98

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

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