Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043454.D
Acq On : 1 Nov 2019 5:23
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 07:59:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39591	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	156408	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	109566	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	263355	20.00	ng		0.00
76) Chrysene-d12	21.67	240	284192	20.00	ng		0.00
87) Perylene-d12	24.86	264	339352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	177092	81.97	ng		0.00
7) Phenol-d6	7.21	99	250008	80.43	ng		0.00
23) Nitrobenzene-d5	9.19	82	241182	79.50	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	161601	77.50	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	638483	80.52	ng		0.00
79) Terphenyl-d14	20.00	244	1218627	80.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	35209	41.818	ng		97
3) Pyridine	3.89	79	92636	43.617	ng		96
4) n-Nitrosodimethylamine	3.81	42	43891	40.954	ng		86
6) Aniline	7.35	93	142075	39.676	ng		97
8) 2-Chlorophenol	7.59	128	94227	39.508	ng		97
9) Benzaldehyde	7.16	77	65601	42.942	ng		90
10) Phenol	7.24	94	116799	41.118	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	82460	37.547	ng		94
12) 1,3-Dichlorobenzene	7.91	146	118396	39.621	ng		98
13) 1,4-Dichlorobenzene	8.06	146	117738	38.943	ng		96
14) 1,2-Dichlorobenzene	8.38	146	114932	38.934	ng		94
15) Benzyl Alcohol	8.27	79	86206	39.487	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122026	38.212	ng		96
17) 2-Methylphenol	8.48	107	84019	40.574	ng		93
18) Hexachloroethane	9.11	117	42612	39.065	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	73400	36.542	ng		96
20) 3+4-Methylphenols	8.81	107	108051	38.052	ng		89
22) Acetophenone	8.85	105	153588	38.345	ng	#	99
24) Nitrobenzene	9.23	77	113882	39.405	ng		96
25) Isophorone	9.75	82	202080	36.433	ng		95
26) 2-Nitrophenol	9.94	139	54747	39.237	ng		98
27) 2,4-Dimethylphenol	10.01	122	79268	39.638	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	118074	38.570	ng		98
29) 2,4-Dichlorophenol	10.49	162	102627	40.053	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	129530	40.109	ng		94
31) Naphthalene	10.88	128	313899	39.538	ng		99
32) Benzoic acid	10.17	122	48631	34.893	ng		94
33) 4-Chloroaniline	10.99	127	130864	40.212	ng		96
34) Hexachlorobutadiene	11.16	225	95704	40.089	ng		92
35) Caprolactam	11.77	113	34065	38.602	ng	#	76
36) 4-Chloro-3-methylphenol	12.12	107	105807	37.857	ng		96
37) 2-Methylnaphthalene	12.48	142	230643	37.862	ng		99
38) 1-Methylnaphthalene	12.70	142	219622	37.892	ng		92
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164411	40.546	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	63932	30.014	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	95245	39.886	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	100580	41.662	ng		96
46) 1,1'-Biphenyl	13.48	154	333861	40.054	ng		99
47) 2-Chloronaphthalene	13.53	162	255451	40.279	ng		99
48) 2-Nitroaniline	13.73	65	76617	40.421	ng		98
49) Acenaphthylene	14.38	152	396203	40.141	ng		99
50) Dimethylphthalate	14.10	163	326509	38.473	ng		99
51) 2,6-Dinitrotoluene	14.22	165	73100	39.648	ng		95
52) Acenaphthene	14.72	154	241895	40.187	ng		98
53) 3-Nitroaniline	14.56	138	74103	41.629	ng	#	94
54) 2,4-Dinitrophenol	14.77	184	29158	30.303	ng		95
55) Dibenzofuran	15.05	168	389865	39.940	ng		98
56) 4-Nitrophenol	14.89	139	48335	40.520	ng		96
57) 2,4-Dinitrotoluene	15.01	165	105532	40.052	ng	#	96
58) Fluorene	15.70	166	323782	39.549	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	98840	38.535	ng	#	99
60) Diethylphthalate	15.46	149	331273	38.849	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	189614	39.701	ng		99
62) 4-Nitroaniline	15.73	138	78285	42.584	ng		97
63) Azobenzene	15.98	77	271891	39.397	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	52562	33.914	ng		93
66) n-Nitrosodiphenylamine	15.90	169	283948	38.190	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	134913	38.066	ng		95
68) Hexachlorobenzene	16.71	284	155780	38.292	ng		99
69) Atrazine	16.85	200	87113	33.718	ng		97
70) Pentachlorophenol	17.05	266	69007	37.226	ng		96
71) Phenanthrene	17.44	178	525320	38.954	ng		99
72) Anthracene	17.53	178	526545	39.024	ng		99
73) Carbazole	17.80	167	473535	38.755	ng		98
74) Di-n-butylphthalate	18.35	149	583435	39.353	ng		99
75) Fluoranthene	19.45	202	680675	38.716	ng		99
77) Benzidine	19.63	184	221476	38.723	ng		99
78) Pyrene	19.81	202	696454	39.591	ng		99
80) Butylbenzylphthalate	20.69	149	268994	40.362	ng		97
81) Benzo(a)anthracene	21.64	228	719480	40.417	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	282472	41.025	ng		99
83) Chrysene	21.71	228	700383	39.598	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	385732	40.744	ng		100
85) Di-n-octyl phthalate	22.75	149	667623	41.566	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	901146	40.589	ng		100
88) Benzo(b)fluoranthene	23.85	252	771875	40.160	ng		98
89) Benzo(k)fluoranthene	23.92	252	771598	39.878	ng		98
90) Benzo(a)pyrene	24.72	252	737495	40.183	ng		99
91) Dibenzo(a,h)anthracene	28.57	278	750951	40.002	ng		100
92) Benzo(g,h,i)perylene	29.65	276	721680	38.973	ng		97

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

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