Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043065.D
Acq On : 7 Oct 2019 13:24
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 07 14:01:25 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	8.06	152	46811	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	193719	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	151696	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	370408	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	383970	20.00	ng		-0.02
87) Perylene-d12	24.91	264	455107	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	225242	85.87	ng		-0.02
7) Phenol-d6	7.23	99	328724	87.03	ng		-0.01
23) Nitrobenzene-d5	9.22	82	324170	81.34	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	243634	93.40	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	877658	83.87	ng		-0.02
79) Terphenyl-d14	20.03	244	1677209	93.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	43658	39.921	ng		89
3) Pyridine	3.94	79	125845	40.913	ng		86
4) n-Nitrosodimethylamine	3.85	42	57019	38.548	ng	#	86
6) Aniline	7.39	93	194770	42.716	ng		94
8) 2-Chlorophenol	7.62	128	119047	43.520	ng		98
9) Benzaldehyde	7.20	77	83462	36.159	ng		90
10) Phenol	7.25	94	150109	43.314	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	109938	41.000	ng		92
12) 1,3-Dichlorobenzene	7.95	146	147085	42.150	ng		99
13) 1,4-Dichlorobenzene	8.09	146	146956	42.245	ng		98
14) 1,2-Dichlorobenzene	8.41	146	139875	42.234	ng		93
15) Benzyl Alcohol	8.30	79	120145	42.306	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	169365	32.890	ng		96
17) 2-Methylphenol	8.51	107	107488	44.327	ng		96
18) Hexachloroethane	9.15	117	52862	40.349	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	105846	42.675	ng		93
20) 3+4-Methylphenols	8.83	107	149680	45.043	ng		95
22) Acetophenone	8.88	105	208070	41.668	ng	#	95
24) Nitrobenzene	9.26	77	154417	40.619	ng		97
25) Isophorone	9.78	82	301357	43.046	ng		99
26) 2-Nitrophenol	9.97	139	74368	45.953	ng		96
27) 2,4-Dimethylphenol	10.03	122	105724	42.539	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	164632	41.448	ng		99
29) 2,4-Dichlorophenol	10.51	162	136222	44.071	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	169924	42.570	ng		98
31) Naphthalene	10.91	128	404662	42.435	ng		97
32) Benzoic acid	10.17	122	87257	45.589	ng		90
33) 4-Chloroaniline	11.02	127	190516	46.041	ng		96
34) Hexachlorobutadiene	11.20	225	122659	41.040	ng		98
35) Caprolactam	11.79	113	52894	48.525	ng	#	82
36) 4-Chloro-3-methylphenol	12.14	107	153291	45.612	ng		92
37) 2-Methylnaphthalene	12.51	142	320233	44.019	ng		97
38) 1-Methylnaphthalene	12.73	142	302592	43.958	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	230796	40.465	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	132952	36.584	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	140938	42.218	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	146860	42.704	ng		97
46) 1,1'-Biphenyl	13.52	154	467544	40.643	ng		98
47) 2-Chloronaphthalene	13.56	162	359883	41.726	ng		100
48) 2-Nitroaniline	13.76	65	117496	40.965	ng		87
49) Acenaphthylene	14.40	152	557064	42.210	ng		100
50) Dimethylphthalate	14.13	163	496843	43.713	ng	#	99
51) 2,6-Dinitrotoluene	14.25	165	105077	43.412	ng		91
52) Acenaphthene	14.75	154	352002	39.848	ng		97
53) 3-Nitroaniline	14.59	138	110512	44.179	ng	#	88
54) 2,4-Dinitrophenol	14.79	184	65030	43.223	ng		87
55) Dibenzofuran	15.08	168	557530	42.665	ng		97
56) 4-Nitrophenol	14.90	139	83422	43.770	ng		92
57) 2,4-Dinitrotoluene	15.04	165	157348	44.392	ng	#	88
58) Fluorene	15.73	166	477089	42.763	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	154899	42.303	ng		99
60) Diethylphthalate	15.49	149	494882	42.783	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	279145	41.720	ng		97
62) 4-Nitroaniline	15.74	138	120963	44.339	ng		99
63) Azobenzene	16.01	77	413288	39.244	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	88647	42.293	ng		96
66) n-Nitrosodiphenylamine	15.93	169	418514	42.800	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	204128	43.908	ng		97
68) Hexachlorobenzene	16.73	284	231078	44.641	ng		97
69) Atrazine	16.88	200	161396	39.197	ng		98
70) Pentachlorophenol	17.08	266	124829	41.793	ng		98
71) Phenanthrene	17.47	178	770922	42.631	ng		99
72) Anthracene	17.56	178	776536	43.014	ng		99
73) Carbazole	17.82	167	707849	42.282	ng		99
74) Di-n-butylphthalate	18.38	149	841749	42.142	ng		100
75) Fluoranthene	19.47	202	990099	41.395	ng		98
77) Benzidine	19.65	184	392453	40.820	ng		99
78) Pyrene	19.83	202	997994	43.547	ng		100
80) Butylbenzylphthalate	20.72	149	381433	43.848	ng		96
81) Benzo(a)anthracene	21.67	228	1033506	43.198	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	419424	44.698	ng		98
83) Chrysene	21.74	228	991553	42.707	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	535801	43.286	ng		98
85) Di-n-octyl phthalate	22.79	149	895836	44.259	ng		96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1289557	44.616	ng		99
88) Benzo(b)fluoranthene	23.89	252	1117387	43.392	ng		99
89) Benzo(k)fluoranthene	23.96	252	1043843	40.975	ng		98
90) Benzo(a)pyrene	24.76	252	1032073	42.480	ng		99
91) Dibenzo(a,h)anthracene	28.64	278	1077892	43.267	ng		97
92) Benzo(g,h,i)perylene	29.73	276	1040005	43.085	ng		98

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

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