Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043081.D
Acq On : 7 Oct 2019 23:39
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 08 03:56:32 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	54549	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	233825	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	176637	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	422647	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	436961	20.00	ng		-0.03
87) Perylene-d12	24.90	264	512220	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	249444	81.61	ng		-0.02
7) Phenol-d6	7.23	99	375328	85.27	ng		-0.01
23) Nitrobenzene-d5	9.22	82	381107	79.22	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	275024	90.55	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1012305	83.08	ng		-0.02
79) Terphenyl-d14	20.03	244	1847622	90.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	45245	35.503	ng		92
3) Pyridine	3.93	79	142964	39.885	ng		95
4) n-Nitrosodimethylamine	3.85	42	66394	38.519	ng		88
6) Aniline	7.39	93	221396	41.667	ng		96
8) 2-Chlorophenol	7.63	128	136982	42.973	ng		91
9) Benzaldehyde	7.19	77	89861	33.409	ng		93
10) Phenol	7.25	94	173400	42.937	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	125928	40.302	ng		93
12) 1,3-Dichlorobenzene	7.95	146	166351	40.908	ng		98
13) 1,4-Dichlorobenzene	8.09	146	166933	41.180	ng		96
14) 1,2-Dichlorobenzene	8.41	146	160044	41.469	ng		95
15) Benzyl Alcohol	8.30	79	95323	28.804	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	201537	33.585	ng		95
17) 2-Methylphenol	8.51	107	126034	44.602	ng		98
18) Hexachloroethane	9.14	117	61222	40.101	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	123583	42.758	ng		92
20) 3+4-Methylphenols	8.83	107	173463	44.795	ng		96
22) Acetophenone	8.88	105	250061	41.488	ng	#	97
24) Nitrobenzene	9.26	77	180590	39.356	ng		96
25) Isophorone	9.78	82	346147	40.963	ng		99
26) 2-Nitrophenol	9.97	139	89944	46.045	ng		92
27) 2,4-Dimethylphenol	10.03	122	124288	41.431	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	195736	40.826	ng		98
29) 2,4-Dichlorophenol	10.51	162	163862	43.920	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	197650	41.023	ng		100
31) Naphthalene	10.91	128	479114	41.625	ng		100
32) Benzoic acid	10.18	122	87617	39.131	ng		99
33) 4-Chloroaniline	11.02	127	218714	43.790	ng		94
34) Hexachlorobutadiene	11.20	225	142818	39.589	ng		98
35) Caprolactam	11.80	113	60186	45.744	ng	#	82
36) 4-Chloro-3-methylphenol	12.14	107	179393	44.223	ng		95
37) 2-Methylnaphthalene	12.51	142	376618	42.890	ng		98
38) 1-Methylnaphthalene	12.73	142	357353	43.009	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	267541	40.284	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	156339	36.945	ng		100
43) 2,4,6-Trichlorophenol	13.12	196	165945	42.690	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	172151	42.990	ng		97
46) 1,1'-Biphenyl	13.52	154	540993	40.387	ng		98
47) 2-Chloronaphthalene	13.56	162	422446	42.064	ng		99
48) 2-Nitroaniline	13.76	65	139732	41.839	ng		92
49) Acenaphthylene	14.40	152	646863	42.093	ng		99
50) Dimethylphthalate	14.13	163	556666	42.061	ng		99
51) 2,6-Dinitrotoluene	14.25	165	125062	44.373	ng		92
52) Acenaphthene	14.74	154	402393	39.120	ng		97
53) 3-Nitroaniline	14.59	138	124157	42.626	ng		94
54) 2,4-Dinitrophenol	14.79	184	78951	45.066	ng		88
55) Dibenzofuran	15.08	168	641251	42.143	ng		98
56) 4-Nitrophenol	14.90	139	84891	38.251	ng		97
57) 2,4-Dinitrotoluene	15.03	165	180885	43.826	ng		96
58) Fluorene	15.73	166	540352	41.595	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	172627	40.487	ng		98
60) Diethylphthalate	15.49	149	561795	41.710	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	321048	41.207	ng		98
62) 4-Nitroaniline	15.75	138	133285	41.957	ng		97
63) Azobenzene	16.01	77	472593	38.539	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	105851	44.259	ng		94
66) n-Nitrosodiphenylamine	15.93	169	481037	43.114	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	230475	43.448	ng		98
68) Hexachlorobenzene	16.73	284	259212	43.887	ng		98
69) Atrazine	16.88	200	163837	34.872	ng		96
70) Pentachlorophenol	17.08	266	138810	40.729	ng		97
71) Phenanthrene	17.47	178	861731	41.763	ng		98
72) Anthracene	17.55	178	868431	42.159	ng		99
73) Carbazole	17.82	167	796962	41.722	ng		99
74) Di-n-butylphthalate	18.38	149	951971	41.770	ng		99
75) Fluoranthene	19.47	202	1109351	40.648	ng		99
77) Benzidine	19.66	184	255681	23.369	ng		98
78) Pyrene	19.83	202	1111682	42.625	ng		100
80) Butylbenzylphthalate	20.71	149	432501	43.689	ng		96
81) Benzo(a)anthracene	21.67	228	1155125	42.426	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	471001	44.107	ng	#	96
83) Chrysene	21.74	228	1097482	41.537	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	607014	43.092	ng		99
85) Di-n-octyl phthalate	22.79	149	1022635	44.396	ng		96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1455172	44.240	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	1231687	42.497	ng		99
89) Benzo(k)fluoranthene	23.96	252	1173111	40.915	ng		100
90) Benzo(a)pyrene	24.76	252	1144081	41.840	ng		99
91) Dibenzo(a,h)anthracene	28.63	278	1212650	43.248	ng		98
92) Benzo(g,h,i)perylene	29.72	276	1167181	42.962	ng		99

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

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