Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040837.D
Acq On : 10 May 2019 5:52
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 10 07:07:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52560	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	236359	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	175962	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	445872	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	433109	20.00	ng		-0.02
87) Perylene-d12	25.15	264	462395	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	280348	94.02	ng		-0.02
7) Phenol-d6	7.28	99	427620	93.14	ng		-0.02
23) Nitrobenzene-d5	9.32	82	483761	94.57	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	240517	99.44	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	1067256	87.59	ng		-0.02
79) Terphenyl-d14	20.11	244	1804760	92.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	61856	45.616	ng	#	88
3) Pyridine	3.95	79	184867	47.035	ng		95
4) n-Nitrosodimethylamine	3.87	42	93927	43.084	ng	#	93
6) Aniline	7.47	93	263249	43.261	ng		99
8) 2-Chlorophenol	7.70	128	165881	45.562	ng		99
9) Benzaldehyde	7.28	77	124164	47.409	ng		97
10) Phenol	7.31	94	231833	46.977	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	162293	43.855	ng		98
12) 1,3-Dichlorobenzene	8.03	146	183012	46.054	ng		96
13) 1,4-Dichlorobenzene	8.18	146	185049	45.936	ng		98
14) 1,2-Dichlorobenzene	8.50	146	176851	45.522	ng		98
15) Benzyl Alcohol	8.38	79	200897	42.056	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	272808	37.027	ng		96
17) 2-Methylphenol	8.57	107	151174	43.286	ng		96
18) Hexachloroethane	9.23	117	70081	42.409	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	167533	40.539	ng		98
20) 3+4-Methylphenols	8.90	107	215574	44.309	ng		94
22) Acetophenone	8.97	105	291606	44.367	ng	#	95
24) Nitrobenzene	9.36	77	251476	46.077	ng		96
25) Isophorone	9.88	82	453239	39.778	ng		99
26) 2-Nitrophenol	10.07	139	104891	53.615	ng		97
27) 2,4-Dimethylphenol	10.11	122	157089	42.796	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	239647	41.920	ng		97
29) 2,4-Dichlorophenol	10.60	162	200616	48.074	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	221389	47.840	ng		98
31) Naphthalene	11.02	128	553297	44.063	ng		98
32) Benzoic acid	10.25	122	110892	44.130	ng		89
33) 4-Chloroaniline	11.12	127	247764	44.502	ng		96
34) Hexachlorobutadiene	11.28	225	168116	49.207	ng		98
35) Caprolactam	11.92	113	71569	43.439	ng		93
36) 4-Chloro-3-methylphenol	12.22	107	243659	46.284	ng		97
37) 2-Methylnaphthalene	12.61	142	420312	44.768	ng		98
38) 1-Methylnaphthalene	12.83	142	408916	44.560	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	308949	47.132	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	183062	47.327	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	189690	47.886	ng		99
44) 2,4,5-Trichlorophenol	13.27	196	207536	48.094	ng		97
46) 1,1'-Biphenyl	13.61	154	592233	43.349	ng		97
47) 2-Chloronaphthalene	13.66	162	478709	44.774	ng		97
48) 2-Nitroaniline	13.87	65	190207	49.978	ng		96
49) Acenaphthylene	14.50	152	766205	42.239	ng		98
50) Dimethylphthalate	14.22	163	635179	43.144	ng		99
51) 2,6-Dinitrotoluene	14.35	165	146806	51.092	ng		90
52) Acenaphthene	14.83	154	446976	42.312	ng		96
53) 3-Nitroaniline	14.68	138	145419	49.394	ng	#	93
54) 2,4-Dinitrophenol	14.88	184	74533	48.974	ng	#	87
55) Dibenzofuran	15.17	168	763989	44.154	ng		100
56) 4-Nitrophenol	14.96	139	117731	46.118	ng		88
57) 2,4-Dinitrotoluene	15.13	165	207143	53.053	ng		90
58) Fluorene	15.82	166	611830	43.748	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	205009	47.201	ng		97
60) Diethylphthalate	15.57	149	660833	42.543	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	373426	45.910	ng		97
62) 4-Nitroaniline	15.85	138	152826	46.405	ng		86
63) Azobenzene	16.10	77	638812	39.933	ng		95
65) 4,6-Dinitro-2-methylphenol	15.89	198	103449	47.223	ng		92
66) n-Nitrosodiphenylamine	16.02	169	548087	41.781	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	253421	45.621	ng		95
68) Hexachlorobenzene	16.81	284	261604	45.545	ng		98
69) Atrazine	16.96	200	177324	34.118	ng		97
70) Pentachlorophenol	17.16	266	152785	45.457	ng		97
71) Phenanthrene	17.56	178	1012631	42.165	ng		97
72) Anthracene	17.65	178	1010014	41.840	ng		99
73) Carbazole	17.92	167	898812	40.867	ng		100
74) Di-n-butylphthalate	18.45	149	1068352	40.246	ng		100
75) Fluoranthene	19.56	202	1271780	42.495	ng		99
77) Benzidine	19.74	184	427759	36.071	ng		99
78) Pyrene	19.92	202	1281857	47.222	ng		98
80) Butylbenzylphthalate	20.79	149	486423	45.976	ng		95
81) Benzo(a)anthracene	21.78	228	1283700	46.897	ng		98
82) 3,3'-Dichlorobenzidine	21.69	252	452625	46.393	ng		99
83) Chrysene	21.85	228	1231691	47.314	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	684480	44.818	ng		97
85) Di-n-octyl phthalate	22.90	149	1133623	44.075	ng		97
86) Indeno(1,2,3-cd)pyrene	29.01	276	1329268	42.233	ng	#	92
88) Benzo(b)fluoranthene	24.08	252	1260132	44.596	ng		97
89) Benzo(k)fluoranthene	24.15	252	1166510	44.205	ng		99
90) Benzo(a)pyrene	25.00	252	1169637	43.730	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	1008258	37.250	ng		98
92) Benzo(g,h,i)perylene	30.23	276	1085132	40.282	ng		97

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

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