Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041639.D
Acq On : 12 Jul 2019 14:19
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 12 15:04:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95635	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	419840	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	261346	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	598218	20.00	ng		0.00
76) Chrysene-d12	21.67	240	540567	20.00	ng		0.00
87) Perylene-d12	24.86	264	619779	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	425740	74.70	ng		0.00
7) Phenol-d6	7.20	99	570194	73.85	ng		0.00
23) Nitrobenzene-d5	9.21	82	496533	72.08	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	205035	68.61	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1227848	73.86	ng		0.00
79) Terphenyl-d14	20.01	244	1610464	72.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	94678	36.613	ng	#	78
3) Pyridine	3.90	79	270578	40.372	ng	#	86
4) n-Nitrosodimethylamine	3.82	42	121704	35.659	ng	#	76
6) Aniline	7.38	93	381814	36.086	ng		100
8) 2-Chlorophenol	7.62	128	230462	36.145	ng		97
9) Benzaldehyde	7.19	77	152526	34.250	ng		97
10) Phenol	7.23	94	293315	36.589	ng		82
11) bis(2-Chloroethyl)ether	7.47	93	232355	35.478	ng		95
12) 1,3-Dichlorobenzene	7.95	146	283763	36.450	ng	#	86
13) 1,4-Dichlorobenzene	8.09	146	285859	36.804	ng		94
14) 1,2-Dichlorobenzene	8.41	146	266918	36.137	ng		93
15) Benzyl Alcohol	8.28	79	221776	35.440	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	505219	35.912	ng		89
17) 2-Methylphenol	8.49	107	205355	35.959	ng	#	87
18) Hexachloroethane	9.15	117	102595	35.531	ng		88
19) n-Nitroso-di-n-propylamine	8.86	70	199555	35.192	ng		92
20) 3+4-Methylphenols	8.81	107	281801	35.843	ng		90
22) Acetophenone	8.88	105	365272	35.160	ng	#	96
24) Nitrobenzene	9.25	77	259750	36.103	ng	#	90
25) Isophorone	9.78	82	529086	35.269	ng	#	93
26) 2-Nitrophenol	9.97	139	112163	35.413	ng	#	77
27) 2,4-Dimethylphenol	10.02	122	207117	34.705	ng		85
28) bis(2-Chloroethoxy)methane	10.26	93	329657	35.414	ng		99
29) 2,4-Dichlorophenol	10.50	162	241152	34.927	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	282224	35.076	ng		96
31) Naphthalene	10.91	128	724657	35.345	ng		99
32) Benzoic acid	10.14	122	149320	34.054	ng	#	84
33) 4-Chloroaniline	11.01	127	345068	35.019	ng	#	90
34) Hexachlorobutadiene	11.21	225	183243	35.191	ng		97
35) Caprolactam	11.77	113	86797	32.974	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	251527	35.052	ng	#	86
37) 2-Methylnaphthalene	12.51	142	550100	35.118	ng	#	92
38) 1-Methylnaphthalene	12.73	142	525224	35.326	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	316277	35.717	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	185029	34.101 ng		100
43) 2,4,6-Trichlorophenol	13.11	196	209860	36.097 ng		99
44) 2,4,5-Trichlorophenol	13.18	196	213905	36.027 ng		97
46) 1,1'-Biphenyl	13.51	154	696946	36.089 ng		96
47) 2-Chloronaphthalene	13.55	162	572083	35.570 ng		97
48) 2-Nitroaniline	13.74	65	165128	37.096 ng	#	83
49) Acenaphthylene	14.40	152	881755	35.998 ng		97
50) Dimethylphthalate	14.13	163	721935	35.255 ng		99
51) 2,6-Dinitrotoluene	14.23	165	149586	36.619 ng	#	77
52) Acenaphthene	14.74	154	551127	35.098 ng		96
53) 3-Nitroaniline	14.56	138	165400	36.117 ng	#	89
54) 2,4-Dinitrophenol	14.76	184	53964	29.262 ng	#	80
55) Dibenzofuran	15.07	168	847679	36.038 ng		94
56) 4-Nitrophenol	14.85	139	128434	35.249 ng	#	64
57) 2,4-Dinitrotoluene	15.02	165	196367	36.546 ng	#	82
58) Fluorene	15.71	166	674334	35.357 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	200281	35.826 ng		96
60) Diethylphthalate	15.49	149	719792	34.766 ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	383688	35.108 ng		97
62) 4-Nitroaniline	15.72	138	171761	35.343 ng	#	66
63) Azobenzene	16.00	77	637499	34.977 ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	80675	33.562 ng		99
66) n-Nitrosodiphenylamine	15.92	169	612922	35.268 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	253708	35.852 ng		96
68) Hexachlorobenzene	16.72	284	253256	35.274 ng	#	93
69) Atrazine	16.87	200	184515	30.383 ng		99
70) Pentachlorophenol	17.05	266	151283	33.299 ng		96
71) Phenanthrene	17.45	178	1069954	34.227 ng		97
72) Anthracene	17.54	178	1082163	33.099 ng		98
73) Carbazole	17.80	167	973750	32.309 ng		97
74) Di-n-butylphthalate	18.38	149	1191363	32.222 ng		97
75) Fluoranthene	19.45	202	1283742	34.108 ng		93
77) Benzidine	19.63	184	573335	35.217 ng		98
78) Pyrene	19.82	202	1290734	37.110 ng		95
80) Butylbenzylphthalate	20.70	149	546922	35.109 ng		97
81) Benzo(a)anthracene	21.64	228	1252531	33.488 ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	504883	34.334 ng	#	99
83) Chrysene	21.71	228	1196994	35.953 ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	763987	33.979 ng		98
85) Di-n-octyl phthalate	22.79	149	1324901	33.952 ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.52	276	1513670	34.721 ng	#	93
88) Benzo(b)fluoranthene	23.85	252	1345610	36.570 ng	#	94
89) Benzo(k)fluoranthene	23.92	252	1271595	36.262 ng	#	96
90) Benzo(a)pyrene	24.72	252	1268062	35.961 ng	#	95
91) Dibenzo(a,h)anthracene	28.59	278	1221918	35.684 ng	#	93
92) Benzo(g,h,i)perylene	29.66	276	1200588	35.149 ng	#	90

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

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