Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041708.D
Acq On : 18 Jul 2019 12:26
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 18 14:04:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89945	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	371352	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	224738	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	559877	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	603096	20.00	ng		-0.01
87) Perylene-d12	24.84	264	707966	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	455377	82.76	ng		0.00
7) Phenol-d6	7.19	99	595943	80.53	ng		-0.01
23) Nitrobenzene-d5	9.20	82	523458	85.72	ng		-0.01
42) 2,4,6-Tribromophenol	16.14	330	236126	93.23	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1210859	83.43	ng		0.00
79) Terphenyl-d14	20.00	244	2075561	80.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	105207	40.260	ng		99
3) Pyridine	3.89	79	287631	41.235	ng		99
4) n-Nitrosodimethylamine	3.80	42	119738	37.171	ng		95
6) Aniline	7.36	93	386838	38.893	ng		99
8) 2-Chlorophenol	7.61	128	253213	40.652	ng		97
9) Benzaldehyde	7.17	77	186519	41.238	ng		95
10) Phenol	7.22	94	311917	40.005	ng		100
11) bis(2-Chloroethyl)ether	7.46	93	245767	39.029	ng		99
12) 1,3-Dichlorobenzene	7.94	146	302578	40.711	ng		96
13) 1,4-Dichlorobenzene	8.08	146	299863	40.287	ng		98
14) 1,2-Dichlorobenzene	8.40	146	287375	40.951	ng		95
15) Benzyl Alcohol	8.27	79	220459	37.418	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	482320	36.964	ng		99
17) 2-Methylphenol	8.48	107	210236	38.990	ng		99
18) Hexachloroethane	9.14	117	111115	40.758	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	201201	37.197	ng		99
20) 3+4-Methylphenols	8.80	107	291628	39.467	ng		98
22) Acetophenone	8.87	105	367336	40.614	ng	#	93
24) Nitrobenzene	9.24	77	277119	41.602	ng		100
25) Isophorone	9.77	82	522077	39.045	ng		99
26) 2-Nitrophenol	9.96	139	133236	44.027	ng		98
27) 2,4-Dimethylphenol	10.01	122	211111	39.905	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	331177	40.187	ng		99
29) 2,4-Dichlorophenol	10.49	162	253798	42.077	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	293158	41.394	ng		99
31) Naphthalene	10.90	128	754395	41.264	ng		97
32) Benzoic acid	10.10	122	93317	26.337	ng		98
33) 4-Chloroaniline	11.00	127	345521	40.972	ng		98
34) Hexachlorobutadiene	11.20	225	190967	41.953	ng		98
35) Caprolactam	11.76	113	97703	44.069	ng	#	88
36) 4-Chloro-3-methylphenol	12.11	107	261132	41.325	ng		97
37) 2-Methylnaphthalene	12.50	142	569553	40.776	ng		99
38) 1-Methylnaphthalene	12.72	142	542736	40.757	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	317665	41.265	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	178903	41.083	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	215182	43.020	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	228820	43.419	ng		97
46) 1,1'-Biphenyl	13.50	154	691371	41.063	ng		99
47) 2-Chloronaphthalene	13.54	162	578629	41.235	ng		99
48) 2-Nitroaniline	13.73	65	182645	44.705	ng		99
49) Acenaphthylene	14.39	152	914871	41.764	ng		97
50) Dimethylphthalate	14.11	163	742349	42.058	ng		98
51) 2,6-Dinitrotoluene	14.22	165	168111	44.902	ng		97
52) Acenaphthene	14.73	154	568402	41.175	ng		99
53) 3-Nitroaniline	14.55	138	185354	45.353	ng		95
54) 2,4-Dinitrophenol	14.75	184	66198	39.335	ng	#	83
55) Dibenzofuran	15.06	168	871957	42.093	ng		96
56) 4-Nitrophenol	14.85	139	162047	48.973	ng		97
57) 2,4-Dinitrotoluene	15.01	165	239246	48.342	ng		99
58) Fluorene	15.71	166	706177	41.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	222390	45.709	ng		99
60) Diethylphthalate	15.48	149	751874	42.284	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	398808	41.857	ng		98
62) 4-Nitroaniline	15.71	138	211598	48.817	ng		99
63) Azobenzene	15.99	77	663456	41.270	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	114714	43.834	ng		96
66) n-Nitrosodiphenylamine	15.91	169	658806	40.069	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	266953	40.072	ng		97
68) Hexachlorobenzene	16.71	284	271974	40.543	ng		96
69) Atrazine	16.85	200	243807	40.862	ng		98
70) Pentachlorophenol	17.05	266	185478	44.219	ng		97
71) Phenanthrene	17.44	178	1185980	42.063	ng		96
72) Anthracene	17.53	178	1200078	42.699	ng		96
73) Carbazole	17.79	167	1169703	44.875	ng		95
74) Di-n-butylphthalate	18.36	149	1382298	43.480	ng		97
75) Fluoranthene	19.44	202	1535286	44.345	ng		96
77) Benzidine	19.61	184	835809	39.125	ng		98
78) Pyrene	19.80	202	1557307	38.179	ng		95
80) Butylbenzylphthalate	20.69	149	701691	41.398	ng		97
81) Benzo(a)anthracene	21.63	228	1598644	41.026	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	643730	41.982	ng		97
83) Chrysene	21.70	228	1544197	41.473	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	974376	40.715	ng		97
85) Di-n-octyl phthalate	22.76	149	1698648	41.679	ng		96
86) Indeno(1,2,3-cd)pyrene	28.49	276	2038162	41.486	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	1760287	40.991	ng		97
89) Benzo(k)fluoranthene	23.90	252	1657336	41.650	ng		99
90) Benzo(a)pyrene	24.69	252	1672397	41.161	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	1641435	41.666	ng		99
92) Benzo(g,h,i)perylene	29.62	276	1641620	41.583	ng		98

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

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