Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
Data File : BG040576.D
Acq On : 23 Apr 2019 18:09
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Apr 24 04:18:38 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 04:08:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40254	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	170163	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	123309	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	307838	20.00	ng		0.00
76) Chrysene-d12	21.83	240	359402	20.00	ng		0.00
87) Perylene-d12	25.21	264	350347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	46289	19.12	ng		0.00
7) Phenol-d6	7.29	99	70276	21.00	ng		0.00
23) Nitrobenzene-d5	9.34	82	72365	22.60	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	31650	23.75	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	184836	22.21	ng		0.00
79) Terphenyl-d14	20.13	244	372705	23.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	11179	9.818	ng	#	88
3) Pyridine	3.97	79	30252	9.868	ng		93
4) n-Nitrosodimethylamine	3.89	42	15189	10.711	ng	#	87
6) Aniline	7.48	93	47081	10.829	ng		98
8) 2-Chlorophenol	7.71	128	27984	9.873	ng		98
9) Benzaldehyde	7.30	77	29126	12.688	ng		95
10) Phenol	7.31	94	38383	10.567	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	28489	9.793	ng		98
12) 1,3-Dichlorobenzene	8.05	146	30736	9.975	ng		93
13) 1,4-Dichlorobenzene	8.20	146	31457	10.250	ng		99
14) 1,2-Dichlorobenzene	8.51	146	31308	10.668	ng		94
15) Benzyl Alcohol	8.40	79	35811	13.288	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	57861	10.363	ng		96
17) 2-Methylphenol	8.59	107	25993	10.342	ng		96
18) Hexachloroethane	9.25	117	12980	11.119	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	32840	13.687	ng		93
20) 3+4-Methylphenols	8.91	107	35285	10.363	ng		96
22) Acetophenone	8.99	105	49489	11.659	ng	#	94
24) Nitrobenzene	9.38	77	38775	11.696	ng		97
25) Isophorone	9.89	82	89576	13.599	ng	#	97
26) 2-Nitrophenol	10.09	139	13006	8.280	ng	#	91
27) 2,4-Dimethylphenol	10.13	122	27463	11.007	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	45739	11.737	ng		99
29) 2,4-Dichlorophenol	10.62	162	29921	11.048	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	35033	11.780	ng		97
31) Naphthalene	11.03	128	96746	11.092	ng		99
32) Benzoic acid	10.19	122	15287	10.140	ng		85
33) 4-Chloroaniline	11.15	127	44148	11.866	ng		91
34) Hexachlorobutadiene	11.30	225	24601	12.935	ng		97
35) Caprolactam	11.90	113	13092	12.181	ng		91
36) 4-Chloro-3-methylphenol	12.23	107	39873	12.806	ng		98
37) 2-Methylnaphthalene	12.63	142	71988	11.160	ng		97
38) 1-Methylnaphthalene	12.85	142	70779	11.315	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	46222	11.794	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	26425	12.280	ng		92
43) 2,4,6-Trichlorophenol	13.22	196	28174	11.150	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	31448	11.418	ng		96
46) 1,1'-Biphenyl	13.63	154	100067	10.271	ng		99
47) 2-Chloronaphthalene	13.67	162	78733	10.535	ng		97
48) 2-Nitroaniline	13.87	65	22490	8.921	ng		93
49) Acenaphthylene	14.51	152	136888	10.803	ng		98
50) Dimethylphthalate	14.24	163	112420	11.649	ng		100
51) 2,6-Dinitrotoluene	14.36	165	17612	8.128	ng		95
52) Acenaphthene	14.85	154	79903	11.005	ng		95
53) 3-Nitroaniline	14.69	138	17880	7.795	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	7299	6.334	ng		95
55) Dibenzofuran	15.19	168	131435	11.265	ng		99
56) 4-Nitrophenol	14.97	139	15846	8.560	ng		92
57) 2,4-Dinitrotoluene	15.14	165	23025	7.647	ng	#	98
58) Fluorene	15.83	166	106331	11.592	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	30861	12.348	ng		99
60) Diethylphthalate	15.59	149	118935	12.044	ng		96
61) 4-Chlorophenyl-phenylether	15.82	204	61628	12.569	ng		97
62) 4-Nitroaniline	15.85	138	21981	8.930	ng	#	85
63) Azobenzene	16.12	77	121402	13.033	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	10797	6.243	ng		87
66) n-Nitrosodiphenylamine	16.03	169	94830	10.527	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	38673	11.163	ng		93
68) Hexachlorobenzene	16.83	284	40440	11.610	ng		96
69) Atrazine	16.97	200	42713	12.746	ng		93
70) Pentachlorophenol	17.17	266	21281	10.568	ng		97
71) Phenanthrene	17.58	178	183152	11.319	ng		97
72) Anthracene	17.67	178	183017	11.301	ng		98
73) Carbazole	17.94	167	167418	10.923	ng		98
74) Di-n-butylphthalate	18.48	149	215362	11.854	ng		98
75) Fluoranthene	19.58	202	240022	12.527	ng		97
77) Benzidine	19.76	184	132157	10.183	ng		97
78) Pyrene	19.94	202	243997	10.324	ng		98
80) Butylbenzylphthalate	20.82	149	90828	8.981	ng		96
81) Benzo(a)anthracene	21.80	228	247487	11.180	ng		95
82) 3,3'-Dichlorobenzidine	21.72	252	87494	10.390	ng		100
83) Chrysene	21.87	228	231311	10.872	ng		97
84) Bis(2-ethylhexyl)phthalate	21.70	149	135869	9.398	ng		98
85) Di-n-octyl phthalate	22.97	149	224296	9.106	ng		97
86) Indeno(1,2,3-cd)pyrene	29.09	276	261712	10.058	ng		98
88) Benzo(b)fluoranthene	24.12	252	226573	10.563	ng		99
89) Benzo(k)fluoranthene	24.20	252	211632	10.729	ng		100
90) Benzo(a)pyrene	25.04	252	213360	10.602	ng	#	97
91) Dibenzo(a,h)anthracene	29.16	278	214570	11.480	ng		95
92) Benzo(g,h,i)perylene	30.31	276	211599	11.015	ng		98

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

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