Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
Data File : BG044570.D
Acq On : 24 Feb 2020 13:52
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Feb 24 14:40:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 14:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	65026	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	253795	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	161284	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	347120	20.00	ng		0.00
76) Chrysene-d12	21.50	240	315160	20.00	ng		0.00
87) Perylene-d12	24.57	264	361661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	492774	133.74	ng		0.00
7) Phenol-d6	7.05	99	662029	133.80	ng		0.00
23) Nitrobenzene-d5	9.04	82	604623	134.50	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	281511	148.68	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	1334439	138.55	ng		0.00
79) Terphenyl-d14	19.88	244	1917514	125.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	107779	65.106	ng		99
3) Pyridine	3.73	79	310073	70.304	ng		97
4) n-Nitrosodimethylamine	3.65	42	116143	63.018	ng		99
6) Aniline	7.20	93	404307	65.832	ng		97
8) 2-Chlorophenol	7.44	128	263533	65.080	ng		99
9) Benzaldehyde	7.01	77	181029	64.242	ng		99
10) Phenol	7.08	94	319211	65.190	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	270689	64.661	ng		97
12) 1,3-Dichlorobenzene	7.77	146	316572	65.477	ng		98
13) 1,4-Dichlorobenzene	7.91	146	315469	65.880	ng		99
14) 1,2-Dichlorobenzene	8.23	146	297184	65.659	ng		99
15) Benzyl Alcohol	8.11	79	226752	64.733	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	359480	63.444	ng		98
17) 2-Methylphenol	8.33	107	227232	65.041	ng		97
18) Hexachloroethane	8.95	117	116528	64.848	ng		95
19) n-Nitroso-di-n-propylamine	8.68	70	208631	63.270	ng		97
20) 3+4-Methylphenols	8.65	107	312261	64.855	ng		99
22) Acetophenone	8.70	105	387785	62.809	ng	#	99
24) Nitrobenzene	9.08	77	293006	66.764	ng		99
25) Isophorone	9.60	82	559913	66.824	ng		99
26) 2-Nitrophenol	9.79	139	164263	72.133	ng		98
27) 2,4-Dimethylphenol	9.86	122	223098	69.403	ng		98
28) bis(2-Chloroethoxy)methane	10.08	93	373613	66.842	ng		100
29) 2,4-Dichlorophenol	10.33	162	267785	68.894	ng		97
30) 1,2,4-Trichlorobenzene	10.54	180	310253	69.612	ng		100
31) Naphthalene	10.72	128	834712	67.789	ng		98
32) Benzoic acid	10.05	122	95553	55.727	ng		97
33) 4-Chloroaniline	10.83	127	372887	66.585	ng		97
34) Hexachlorobutadiene	11.02	225	192974	70.365	ng		99
35) Caprolactam	11.62	113	95514	67.082	ng		98
36) 4-Chloro-3-methylphenol	11.97	107	272007	66.746	ng		99
37) 2-Methylnaphthalene	12.34	142	615648	67.340	ng		98
38) 1-Methylnaphthalene	12.56	142	582244	67.551	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	335362	69.512	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	150412	64.974 ng	99
43) 2,4,6-Trichlorophenol	12.95	196	220252	70.629 ng	100
44) 2,4,5-Trichlorophenol	13.03	196	227172	71.321 ng	97
46) 1,1'-Biphenyl	13.35	154	811604	69.764 ng	98
47) 2-Chloronaphthalene	13.39	162	633863	68.471 ng	99
48) 2-Nitroaniline	13.59	65	182475	66.791 ng	93
49) Acenaphthylene	14.24	152	927862	68.335 ng	99
50) Dimethylphthalate	13.98	163	782004	67.452 ng	100
51) 2,6-Dinitrotoluene	14.09	165	174781	67.614 ng	98
52) Acenaphthene	14.58	154	593081	67.388 ng	99
53) 3-Nitroaniline	14.42	138	193313	67.595 ng	99
54) 2,4-Dinitrophenol	14.64	184	96084	74.871 ng	95
55) Dibenzofuran	14.92	168	904335	67.867 ng	98
56) 4-Nitrophenol	14.75	139	139797	66.733 ng	97
57) 2,4-Dinitrotoluene	14.88	165	246110	67.929 ng	97
58) Fluorene	15.56	166	713171	67.952 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	204638	71.127 ng	98
60) Diethylphthalate	15.34	149	770630	66.709 ng	98
61) 4-Chlorophenyl-phenylether	15.56	204	389305	68.412 ng	99
62) 4-Nitroaniline	15.59	138	192412	67.331 ng	97
63) Azobenzene	15.85	77	658350	65.025 ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	142949	74.604 ng	95
66) n-Nitrosodiphenylamine	15.78	169	654190	67.249 ng	97
67) 4-Bromophenyl-phenylether	16.45	248	261987	69.275 ng	99
68) Hexachlorobenzene	16.58	284	297450	70.204 ng	96
69) Atrazine	16.73	200	243424	73.007 ng	98
70) Pentachlorophenol	16.92	266	140334	71.476 ng	96
71) Phenanthrene	17.30	178	1151945	68.532 ng	99
72) Anthracene	17.40	178	1145989	68.960 ng	97
73) Carbazole	17.67	167	1037517	67.723 ng	99
74) Di-n-butylphthalate	18.23	149	1296028	68.458 ng	97
75) Fluoranthene	19.32	202	1354042	69.636 ng	98
77) Benzidine	19.49	184	695762	79.590 ng	96
78) Pyrene	19.68	202	1357068	67.050 ng	97
80) Butylbenzylphthalate	20.57	149	616757	66.868 ng	97
81) Benzo(a)anthracene	21.49	228	1335893	68.777 ng	98
82) 3,3'-Dichlorobenzidine	21.40	252	541481	71.829 ng	97
83) Chrysene	21.55	228	1294688	68.959 ng	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	826626	65.113 ng	98
85) Di-n-octyl phthalate	22.57	149	1473753	67.093 ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1703013	69.527 ng	99
88) Benzo(b)fluoranthene	23.61	252	1486729	71.340 ng	99
89) Benzo(k)fluoranthene	23.67	252	1384489	68.163 ng	99
90) Benzo(a)pyrene	24.44	252	1377698	69.919 ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1368722	70.189 ng	99
92) Benzo(g,h,i)perylene	29.14	276	1359888	69.661 ng	99

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

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