Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045655.D
Acq On : 9 Jun 2020 9:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 09 10:47:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	56210	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	232466	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	169285	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	405300	20.00	ng	0.00
76) Chrysene-d12	21.60	240	356716	20.00	ng	0.00
87) Perylene-d12	24.75	264	392264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	259091	90.08	ng	0.00
7) Phenol-d6	7.14	99	379751	92.76	ng	0.00
23) Nitrobenzene-d5	9.11	82	387494	90.90	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	186110	85.96	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	892647	89.44	ng	0.00
79) Terphenyl-d14	19.95	244	1417659	92.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	59642	41.82	ng	98
3) Pyridine	3.81	79	177796	44.76	ng	98
4) n-Nitrosodimethylamine	3.72	42	58736	45.19	ng	86
6) Aniline	7.27	93	243746	45.61	ng	94
8) 2-Chlorophenol	7.52	128	141519	44.87	ng	98
9) Benzaldehyde	7.08	77	104717	39.26	ng	100
10) Phenol	7.17	94	196797	46.64	ng	99
11) bis(2-Chloroethyl)ether	7.36	93	147600	44.85	ng	97
12) 1,3-Dichlorobenzene	7.83	146	166060	43.81	ng	99
13) 1,4-Dichlorobenzene	7.98	146	168174	44.96	ng	96
14) 1,2-Dichlorobenzene	8.30	146	159043	44.21	ng	96
15) Benzyl Alcohol	8.19	79	161724	47.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	145452	46.56	ng	97
17) 2-Methylphenol	8.41	107	147291	46.64	ng	94
18) Hexachloroethane	9.03	117	62732	43.79	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	135990	48.04	ng	95
20) 3+4-Methylphenols	8.74	107	205153	47.71	ng	97
22) Acetophenone	8.77	105	244780	44.43	ng	96
24) Nitrobenzene	9.15	77	206819	45.28	ng	98
25) Isophorone	9.68	82	388378	46.26	ng	98
26) 2-Nitrophenol	9.86	139	89329	45.72	ng	97
27) 2,4-Dimethylphenol	9.94	122	133757	46.16	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	197971	44.96	ng	96
29) 2,4-Dichlorophenol	10.42	162	156251	45.66	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	183007	45.26	ng	97
31) Naphthalene	10.80	128	486747	44.93	ng	100
32) Benzoic acid	10.11	122	77816	41.26	ng	93
33) 4-Chloroaniline	10.91	127	211761	46.77	ng	98
34) Hexachlorobutadiene	11.10	225	127378	44.56	ng	98
35) Caprolactam	11.69	113	55377	44.09	ng	93
36) 4-Chloro-3-methylphenol	12.06	107	182637	47.36	ng	90
37) 2-Methylnaphthalene	12.41	142	370126	45.84	ng	98
38) 1-Methylnaphthalene	12.63	142	349961	45.88	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	207253	43.83	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	112091	41.07	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	144103	43.87	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	158360	42.19	ng		97
46) 1,1'-Biphenyl	13.42	154	465113	44.71	ng		98
47) 2-Chloronaphthalene	13.47	162	372795	44.14	ng		98
48) 2-Nitroaniline	13.67	65	127435	45.87	ng		96
49) Acenaphthylene	14.31	152	608223	44.83	ng		98
50) Dimethylphthalate	14.05	163	515158	44.36	ng		99
51) 2,6-Dinitrotoluene	14.17	165	114981	43.88	ng		97
52) Acenaphthene	14.66	154	360330	39.68	ng		98
53) 3-Nitroaniline	14.50	138	116365	43.68	ng		96
54) 2,4-Dinitrophenol	14.71	184	61165	38.66	ng		96
55) Dibenzofuran	14.99	168	596844	44.25	ng		96
56) 4-Nitrophenol	14.84	139	76332	37.85	ng		89
57) 2,4-Dinitrotoluene	14.96	165	166223	43.80	ng		95
58) Fluorene	15.64	166	493051	44.50	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	139129	42.13	ng		98
60) Diethylphthalate	15.41	149	534534	44.22	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	285129	44.97	ng		97
62) 4-Nitroaniline	15.67	138	117970	42.42	ng		93
63) Azobenzene	15.93	77	507312	45.01	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	101770	43.11	ng		95
66) n-Nitrosodiphenylamine	15.85	169	433180	44.51	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	194140	44.24	ng		98
68) Hexachlorobenzene	16.65	284	206394	44.96	ng		96
69) Atrazine	16.80	200	158544	39.56	ng		98
70) Pentachlorophenol	17.00	266	87703	36.80	ng		96
71) Phenanthrene	17.39	178	775888	43.85	ng		100
72) Anthracene	17.47	178	782499	44.04	ng		98
73) Carbazole	17.74	167	743684	42.94	ng		98
74) Di-n-butylphthalate	18.30	149	894851	43.05	ng		99
75) Fluoranthene	19.40	202	943365	41.92	ng		99
77) Benzidine	19.58	184	365636	36.50	ng		99
78) Pyrene	19.75	202	947112	46.58	ng		99
80) Butylbenzylphthalate	20.65	149	387015	44.09	ng		99
81) Benzo(a)anthracene	21.58	228	888470	44.71	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	340025	43.62	ng		97
83) Chrysene	21.65	228	849973	44.48	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	542348	44.95	ng		99
85) Di-n-octyl phthalate	22.68	149	919064	44.35	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1071936	42.90	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	937983	44.59	ng		100
89) Benzo(k)fluoranthene	23.82	252	902009	45.64	ng		99
90) Benzo(a)pyrene	24.60	252	882397	45.04	ng		99
91) Dibenzo(a,h)anthracene	28.37	278	878328	44.61	ng		98
92) Benzo(g,h,i)perylene	29.42	276	859890	43.67	ng		96

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

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