Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045612.D
Acq On : 5 Jun 2020 11:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 05 13:23:58 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	57828	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	249021	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	188231	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	455827	20.00	ng	0.00
76) Chrysene-d12	21.61	240	412429	20.00	ng	0.00
87) Perylene-d12	24.75	264	455398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	259311	87.63	ng	0.00
7) Phenol-d6	7.14	99	399318	94.81	ng	0.00
23) Nitrobenzene-d5	9.11	82	409705	89.72	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	212739	88.37	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	976922	88.03	ng	0.00
79) Terphenyl-d14	19.96	244	1603480	90.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	58280	39.72	ng	97
3) Pyridine	3.80	79	176744	43.25	ng	99
4) n-Nitrosodimethylamine	3.71	42	60099	44.94	ng	87
6) Aniline	7.27	93	257363	46.81	ng	97
8) 2-Chlorophenol	7.53	128	147318	45.40	ng	100
9) Benzaldehyde	7.08	77	113375	41.32	ng	96
10) Phenol	7.17	94	203072	46.78	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	157466	46.51	ng	96
12) 1,3-Dichlorobenzene	7.84	146	174131	44.65	ng	99
13) 1,4-Dichlorobenzene	7.98	146	176416	45.84	ng	97
14) 1,2-Dichlorobenzene	8.31	146	164014	44.31	ng	96
15) Benzyl Alcohol	8.20	79	175301	50.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	155983	48.54	ng	96
17) 2-Methylphenol	8.41	107	156955	48.31	ng	97
18) Hexachloroethane	9.04	117	67009	45.46	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	145625	50.00	ng	98
20) 3+4-Methylphenols	8.75	107	214034	48.38	ng	92
22) Acetophenone	8.77	105	263256	44.60	ng	97
24) Nitrobenzene	9.15	77	219513	44.87	ng	94
25) Isophorone	9.68	82	419868	46.69	ng	98
26) 2-Nitrophenol	9.87	139	93551	44.70	ng	94
27) 2,4-Dimethylphenol	9.95	122	134121	43.21	ng	94
28) bis(2-Chloroethoxy)methane	10.16	93	216767	45.96	ng	96
29) 2,4-Dichlorophenol	10.42	162	169548	46.25	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	191900	44.30	ng	99
31) Naphthalene	10.81	128	520018	44.81	ng	99
32) Benzoic acid	10.12	122	86707	42.52	ng	91
33) 4-Chloroaniline	10.92	127	225438	46.48	ng	98
34) Hexachlorobutadiene	11.10	225	136841	44.69	ng	98
35) Caprolactam	11.70	113	63961	47.54	ng	88
36) 4-Chloro-3-methylphenol	12.07	107	202782	49.09	ng	93
37) 2-Methylnaphthalene	12.42	142	404438	46.76	ng	97
38) 1-Methylnaphthalene	12.64	142	375741	45.99	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	225876	42.96	ng	99

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QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	112013	36.91	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	158815	43.48	ng		100
44) 2,4,5-Trichlorophenol	13.12	196	179449	43.00	ng		97
46) 1,1'-Biphenyl	13.43	154	503824	43.56	ng		100
47) 2-Chloronaphthalene	13.47	162	410937	43.75	ng		99
48) 2-Nitroaniline	13.68	65	141938	45.94	ng		89
49) Acenaphthylene	14.32	152	672625	44.59	ng		99
50) Dimethylphthalate	14.05	163	575068	44.54	ng		98
51) 2,6-Dinitrotoluene	14.17	165	128874	44.23	ng		96
52) Acenaphthene	14.66	154	408654	40.47	ng		97
53) 3-Nitroaniline	14.50	138	131831	44.51	ng		95
54) 2,4-Dinitrophenol	14.71	184	77603	43.34	ng		93
55) Dibenzofuran	15.00	168	659860	44.00	ng		96
56) 4-Nitrophenol	14.84	139	87962	39.23	ng	#	82
57) 2,4-Dinitrotoluene	14.96	165	186680	44.24	ng		98
58) Fluorene	15.64	166	558819	45.36	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	159154	43.34	ng		98
60) Diethylphthalate	15.41	149	601427	44.75	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	323682	45.91	ng		98
62) 4-Nitroaniline	15.67	138	137390	44.43	ng		96
63) Azobenzene	15.93	77	575565	45.93	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	120443	45.37	ng		97
66) n-Nitrosodiphenylamine	15.86	169	492673	45.02	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	225623	45.71	ng		99
68) Hexachlorobenzene	16.66	284	230926	44.73	ng		98
69) Atrazine	16.81	200	189639	42.07	ng		98
70) Pentachlorophenol	17.01	266	117895	43.98	ng		96
71) Phenanthrene	17.39	178	894396	44.95	ng		100
72) Anthracene	17.48	178	887383	44.41	ng		98
73) Carbazole	17.75	167	856589	43.97	ng		99
74) Di-n-butylphthalate	18.30	149	1011405	43.26	ng		99
75) Fluoranthene	19.40	202	1076770	42.54	ng		100
77) Benzidine	19.58	184	356342	30.76	ng		100
78) Pyrene	19.76	202	1058187	45.01	ng		99
80) Butylbenzylphthalate	20.65	149	422036	41.59	ng		99
81) Benzo(a)anthracene	21.59	228	1029209	44.80	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	377034	41.84	ng		96
83) Chrysene	21.65	228	986675	44.66	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	620401	44.48	ng		99
85) Di-n-octyl phthalate	22.68	149	1072214	44.75	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1273705	44.09	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1089236	44.60	ng		100
89) Benzo(k)fluoranthene	23.82	252	1073265	46.77	ng		99
90) Benzo(a)pyrene	24.60	252	1038555	45.66	ng		97
91) Dibenzo(a,h)anthracene	28.38	278	1033522	45.22	ng		99
92) Benzo(g,h,i)perylene	29.44	276	1030607	45.08	ng		98

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

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