Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046841.D
Acq On : 12 Oct 2020 9:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 12 12:41:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	69044	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	263966	20.00	ng		# 0.00
39) Acenaphthene-d10	14.730	164	190776	20.00	ng		0.00
64) Phenanthrene-d10	17.468	188	439358	20.00	ng		#-0.01
76) Chrysene-d12	21.745	240	442608	20.00	ng		#-0.01
86) Perylene-d12	25.006	264	456644	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	330558	76.70	ng		0.00
7) Phenol-d6	7.257	99	479584	78.89	ng		0.00
23) Nitrobenzene-d5	9.272	82	452612	91.22	ng		0.00
42) 2,4,6-Tribromophenol	16.211	330	228325	90.77	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	1072994	79.62	ng		0.00
79) Terphenyl-d14	20.071	244	1824861	82.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.567	88	73174	36.39	ng	#	96
3) Pyridine	3.960	79	219659	38.61	ng		96
4) n-Nitrosodimethylamine	3.872	42	108498	36.44	ng	#	73
6) Aniline	7.427	93	287873	39.18	ng		94
8) 2-Chlorophenol	7.668	128	166975	38.88	ng		95
9) Benzaldehyde	7.239	77	130999	38.90	ng		93
10) Phenol	7.286	94	228272	37.72	ng		80
11) bis(2-Chloroethyl)ether	7.521	93	181321	38.77	ng		91
12) 1,3-Dichlorobenzene	7.997	146	218036	39.32	ng	#	91
13) 1,4-Dichlorobenzene	8.144	146	219653	39.97	ng		98
14) 1,2-Dichlorobenzene	8.461	146	207062	40.40	ng		95
15) Benzyl Alcohol	8.338	79	193345	38.68	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.631	45	282598	34.43	ng		99
17) 2-Methylphenol	8.537	107	149960	38.59	ng	#	84
18) Hexachloroethane	9.195	117	81367	39.25	ng		95
19) n-Nitroso-di-n-propyla...	8.913	70	158548	38.03	ng		96
20) 3+4-Methylphenols	8.866	107	216350	40.85	ng		92
22) Acetophenone	8.925	105	301277	39.29	ng		92
24) Nitrobenzene	9.313	77	233367	43.09	ng		88
25) Isophorone	9.836	82	411406	37.98	ng		94
26) 2-Nitrophenol	10.024	139	100848	51.51	ng	#	81
27) 2,4-Dimethylphenol	10.071	122	145000	37.05	ng		92
28) bis(2-Chloroethoxy)met...	10.312	93	254281	38.06	ng		95
29) 2,4-Dichlorophenol	10.559	162	199895	42.46	ng		97
30) 1,2,4-Trichlorobenzene	10.776	180	232359	41.35	ng		97
31) Naphthalene	10.970	128	571812	39.94	ng		99
32) Benzoic acid	10.206	122	123055	45.45	ng	#	80
33) 4-Chloroaniline	11.070	127	250129	39.44	ng		94
34) Hexachlorobutadiene	11.252	225	175920	42.70	ng		95
35) Caprolactam	11.845	113	64080	40.19	ng		97
36) 4-Chloro-3-methylphenol	12.180	107	202247	39.96	ng		89
37) 2-Methylnaphthalene	12.562	142	435503	41.03	ng	#	95
38) 1-Methylnaphthalene	12.780	142	409721	41.59	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.926	216	275861	40.22	ng		97
41) Hexachlorocyclopentadiene	12.909	237	164299	41.19	ng		99
43) 2,4,6-Trichlorophenol	13.161	196	184822	42.85	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	187739	43.25	ng	#	93
46) 1,1'-Biphenyl	13.567	154	574177	39.15	ng		96
47) 2-Chloronaphthalene	13.608	162	469537	39.40	ng		95
48) 2-Nitroaniline	13.802	65	156729	49.53	ng	#	80
49) Acenaphthylene	14.454	152	692159	39.46	ng		99
50) Dimethylphthalate	14.178	163	602988	39.57	ng		99
51) 2,6-Dinitrotoluene	14.295	165	126537	51.10	ng	#	70
52) Acenaphthene	14.795	154	482640	40.52	ng		95
53) 3-Nitroaniline	14.624	138	133474	47.69	ng		85
54) 2,4-Dinitrophenol	14.824	184	71704	53.02	ng	#	77
55) Dibenzofuran	15.124	168	710423	39.50	ng		95
56) 4-Nitrophenol	14.918	139	104837	45.48	ng	#	69
57) 2,4-Dinitrotoluene	15.083	165	179946	54.87	ng	#	85
58) Fluorene	15.776	166	572476	39.75	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.347	232	194113	44.74	ng		97
60) Diethylphthalate	15.535	149	594084	38.78	ng		97
61) 4-Chlorophenyl-phenyle...	15.764	204	337380	41.03	ng		96
62) 4-Nitroaniline	15.788	138	143230	46.10	ng	#	64
63) Azobenzene	16.058	77	541485	35.96	ng		92
65) 4,6-Dinitro-2-methylph...	15.841	198	99772	54.71	ng		84
66) n-Nitrosodiphenylamine	15.976	169	517185	39.18	ng		99
67) 4-Bromophenyl-phenylether	16.657	248	233987	42.15	ng		96
68) Hexachlorobenzene	16.775	284	247692	41.47	ng		96
69) Atrazine	16.922	200	205996	38.84	ng		98
70) Pentachlorophenol	17.116	266	150283	43.59	ng	#	85
71) Phenanthrene	17.515	178	947876	39.73	ng		98
72) Anthracene	17.603	178	928863	39.46	ng		97
73) Carbazole	17.868	167	830417	38.77	ng		99
74) Di-n-butylphthalate	18.426	149	1006540	38.23	ng	#	98
75) Fluoranthene	19.519	202	1196133	39.37	ng		96
77) Benzidine	19.689	184	487293	35.72	ng		99
78) Pyrene	19.877	202	1189695	41.82	ng		98
80) Butylbenzylphthalate	20.758	149	448602	40.80	ng		91
81) Benzo(a)anthracene	21.728	228	1173740	39.72	ng		98
82) 3,3'-Dichlorobenzidine	21.634	252	430086	37.50	ng		98
83) Chrysene	21.793	228	1120564	39.69	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	623644	38.62	ng		97
85) Di-n-octyl phthalate	22.856	149	1032697	37.19	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.743	276	1345718	39.83	ng	#	90
88) Benzo(b)fluoranthene	23.972	252	1198956	40.06	ng	#	98
89) Benzo(k)fluoranthene	24.043	252	1147619	39.89	ng	#	97
90) Benzo(a)pyrene	24.859	252	1129152	40.10	ng	#	98
91) Dibenzo(a,h)anthracene	28.814	278	1090637	39.47	ng	#	95
92) Benzo(g,h,i)perylene	29.901	276	1065366	39.42	ng	#	95

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

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