Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042868.D
Acq On : 17 Sep 2019 15:35
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 16:11:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50406	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	225323	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	170418	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	404893	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	291791	20.00	ng		0.00
87) Perylene-d12	25.03	264	315241	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	221327	76.34	ng		0.03
7) Phenol-d6	7.32	99	343096	82.45	ng		0.05
23) Nitrobenzene-d5	9.28	82	381985	88.26	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	214556	94.63	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	949530	88.20	ng		-0.01
79) Terphenyl-d14	20.08	244	1463612	111.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	49012	37.041	ng	#	84
3) Pyridine	4.08	79	135109	33.913	ng	#	79
4) n-Nitrosodimethylamine	3.93	42	80852	41.707	ng	#	72
6) Aniline	7.46	93	222437	39.617	ng		98
8) 2-Chlorophenol	7.70	128	129648	41.368	ng		94
9) Benzaldehyde	7.27	77	98763	36.470	ng		97
10) Phenol	7.34	94	174664	40.927	ng		89
11) bis(2-Chloroethyl)ether	7.54	93	131551	40.164	ng		94
12) 1,3-Dichlorobenzene	8.00	146	159681	41.774	ng		95
13) 1,4-Dichlorobenzene	8.15	146	161350	42.161	ng		98
14) 1,2-Dichlorobenzene	8.47	146	150058	41.192	ng		99
15) Benzyl Alcohol	8.38	79	152788	42.782	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	341392	47.464	ng		97
17) 2-Methylphenol	8.58	107	121622	42.597	ng		93
18) Hexachloroethane	9.20	117	60061	42.509	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	132568	43.232	ng		88
20) 3+4-Methylphenols	8.91	107	172644	43.865	ng		97
22) Acetophenone	8.96	105	226064	39.726	ng	#	93
24) Nitrobenzene	9.32	77	197199	43.409	ng		99
25) Isophorone	9.90	82	361160	40.035	ng		98
26) 2-Nitrophenol	10.04	139	82565	46.220	ng		97
27) 2,4-Dimethylphenol	10.11	122	127657	40.399	ng		100
28) bis(2-Chloroethoxy)methane	10.34	93	204187	40.587	ng		97
29) 2,4-Dichlorophenol	10.58	162	156235	42.547	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	193185	43.091	ng		99
31) Naphthalene	10.98	128	475190	42.714	ng		99
32) Benzoic acid	10.30	122	104797	41.873	ng		92
33) 4-Chloroaniline	11.09	127	219270	42.169	ng		99
34) Hexachlorobutadiene	11.26	225	142045	45.222	ng		97
35) Caprolactam	12.03	113	52921	38.756	ng		95
36) 4-Chloro-3-methylphenol	12.22	107	169688	42.560	ng		98
37) 2-Methylnaphthalene	12.57	142	370510	44.460	ng		100
38) 1-Methylnaphthalene	12.79	142	354480	45.352	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	241213	42.834	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	163540	50.693	ng		94
43) 2,4,6-Trichlorophenol	13.18	196	162177	43.257	ng		95
44) 2,4,5-Trichlorophenol	13.26	196	167645	43.656	ng		94
46) 1,1'-Biphenyl	13.57	154	506718	42.473	ng		99
47) 2-Chloronaphthalene	13.61	162	417386	42.292	ng		98
48) 2-Nitroaniline	13.82	65	154239	45.052	ng		96
49) Acenaphthylene	14.45	152	652147	43.241	ng		99
50) Dimethylphthalate	14.21	163	552149	43.250	ng		99
51) 2,6-Dinitrotoluene	14.31	165	118054	45.066	ng		98
52) Acenaphthene	14.80	154	398564	40.452	ng		100
53) 3-Nitroaniline	14.65	138	124630	42.392	ng		98
54) 2,4-Dinitrophenol	14.84	184	70977	55.039	ng	#	75
55) Dibenzofuran	15.13	168	643685	43.952	ng		98
56) 4-Nitrophenol	14.97	139	96838	42.601	ng		91
57) 2,4-Dinitrotoluene	15.09	165	170228	48.753	ng		98
58) Fluorene	15.78	166	535644	44.132	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	173133	46.508	ng		98
60) Diethylphthalate	15.56	149	561511	43.330	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	323282	45.048	ng		99
62) 4-Nitroaniline	15.81	138	137422	43.364	ng		95
63) Azobenzene	16.06	77	530520	42.513	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	97632	56.354	ng		94
66) n-Nitrosodiphenylamine	15.99	169	473782	43.485	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	219006	44.689	ng		97
68) Hexachlorobenzene	16.78	284	236496	45.162	ng		99
69) Atrazine	16.95	200	137701	36.293	ng		99
70) Pentachlorophenol	17.13	266	138057	44.442	ng		95
71) Phenanthrene	17.52	178	852573	44.030	ng		99
72) Anthracene	17.61	178	844131	43.635	ng		99
73) Carbazole	17.88	167	768238	41.782	ng		98
74) Di-n-butylphthalate	18.44	149	882861	40.083	ng		99
75) Fluoranthene	19.52	202	985674	39.277	ng		99
77) Benzidine	19.71	184	355801	43.644	ng		99
78) Pyrene	19.88	202	967906	52.984	ng		99
80) Butylbenzylphthalate	20.78	149	315382	42.658	ng		95
81) Benzo(a)anthracene	21.73	228	803406	43.304	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	303963	42.160	ng	#	99
83) Chrysene	21.80	228	776098	44.163	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	405628	40.154	ng	#	95
85) Di-n-octyl phthalate	22.89	149	630898	36.635	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	862673	39.640	ng	#	90
88) Benzo(b)fluoranthene	23.99	252	774735	41.854	ng	#	97
89) Benzo(k)fluoranthene	24.06	252	753122	43.072	ng	#	99
90) Benzo(a)pyrene	24.88	252	736022	42.465	ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	727881	42.698	ng	#	97
92) Benzo(g,h,i)perylene	29.94	276	701036	42.161	ng	#	93

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

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