Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043244.D
Acq On : 16 Oct 2019 9:24
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 16 10:46:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69970	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	279516	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	190493	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	422226	20.00	ng		0.00
76) Chrysene-d12	21.70	240	448482	20.00	ng		0.01
87) Perylene-d12	24.93	264	538410	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	323391	82.48	ng		0.00
7) Phenol-d6	7.23	99	463468	82.09	ng		0.00
23) Nitrobenzene-d5	9.22	82	441518	76.78	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	289558	88.40	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1148772	87.42	ng		0.00
79) Terphenyl-d14	20.04	244	1875059	89.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	57506	35.179	ng		86
3) Pyridine	3.93	79	162434	35.330	ng		91
4) n-Nitrosodimethylamine	3.84	42	79014	35.737	ng	#	80
6) Aniline	7.39	93	268624	39.414	ng		96
8) 2-Chlorophenol	7.63	128	174405	42.654	ng		96
9) Benzaldehyde	7.19	77	138526	40.151	ng		92
10) Phenol	7.26	94	215041	41.513	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	161115	40.199	ng		92
12) 1,3-Dichlorobenzene	7.94	146	224372	43.016	ng		98
13) 1,4-Dichlorobenzene	8.09	146	222947	42.877	ng		98
14) 1,2-Dichlorobenzene	8.41	146	213236	43.075	ng		98
15) Benzyl Alcohol	8.30	79	159609	37.600	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	233214	30.299	ng		92
17) 2-Methylphenol	8.50	107	146135	40.318	ng		95
18) Hexachloroethane	9.14	117	76868	39.253	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	139461	37.617	ng		89
20) 3+4-Methylphenols	8.83	107	207425	41.760	ng		97
22) Acetophenone	8.88	105	308599	42.831	ng		94
24) Nitrobenzene	9.26	77	212706	38.777	ng		95
25) Isophorone	9.78	82	385480	38.161	ng		98
26) 2-Nitrophenol	9.97	139	101617	43.517	ng		95
27) 2,4-Dimethylphenol	10.04	122	143986	40.152	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	223531	39.003	ng		98
29) 2,4-Dichlorophenol	10.51	162	194215	43.546	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	240696	41.791	ng		99
31) Naphthalene	10.91	128	582780	42.355	ng		99
32) Benzoic acid	10.20	122	103384	38.710	ng		91
33) 4-Chloroaniline	11.02	127	237042	39.701	ng		95
34) Hexachlorobutadiene	11.19	225	179896	41.715	ng		99
35) Caprolactam	11.80	113	60021	38.162	ng	#	74
36) 4-Chloro-3-methylphenol	12.14	107	200789	41.406	ng		95
37) 2-Methylnaphthalene	12.51	142	438601	41.784	ng		95
38) 1-Methylnaphthalene	12.73	142	409019	41.180	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	338272	47.229	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	69631	15.258	ng		92
43) 2,4,6-Trichlorophenol	13.12	196	182393	43.508	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	183061	42.389	ng		98
46) 1,1'-Biphenyl	13.51	154	654623	45.315	ng		98
47) 2-Chloronaphthalene	13.56	162	466936	43.112	ng		99
48) 2-Nitroaniline	13.76	65	141437	39.269	ng		88
49) Acenaphthylene	14.40	152	705981	42.599	ng		100
50) Dimethylphthalate	14.14	163	582503	40.812	ng		98
51) 2,6-Dinitrotoluene	14.25	165	127562	41.968	ng		93
52) Acenaphthene	14.74	154	432780	39.014	ng		98
53) 3-Nitroaniline	14.59	138	130114	41.422	ng		94
54) 2,4-Dinitrophenol	14.79	184	19667	10.410	ng	#	85
55) Dibenzofuran	15.08	168	685701	41.786	ng		98
56) 4-Nitrophenol	14.91	139	87019	36.358	ng		90
57) 2,4-Dinitrotoluene	15.04	165	179560	40.341	ng		99
58) Fluorene	15.72	166	566214	40.415	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	185140	40.264	ng		99
60) Diethylphthalate	15.49	149	578299	39.812	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	338225	40.254	ng		98
62) 4-Nitroaniline	15.75	138	140819	41.105	ng		97
63) Azobenzene	16.01	77	483057	36.527	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	34238	14.330	ng		91
66) n-Nitrosodiphenylamine	15.93	169	500567	44.909	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	234768	44.301	ng		95
68) Hexachlorobenzene	16.73	284	267728	45.374	ng		97
69) Atrazine	16.87	200	180463	38.449	ng		95
70) Pentachlorophenol	17.08	266	134656	39.550	ng		98
71) Phenanthrene	17.47	178	872505	42.327	ng		98
72) Anthracene	17.56	178	881458	42.834	ng		100
73) Carbazole	17.83	167	800259	41.936	ng		100
74) Di-n-butylphthalate	18.38	149	950450	41.745	ng		99
75) Fluoranthene	19.48	202	1106130	40.570	ng		99
77) Benzidine	19.65	184	488849	43.532	ng		99
78) Pyrene	19.84	202	1116855	41.723	ng		100
80) Butylbenzylphthalate	20.72	149	448748	44.166	ng		94
81) Benzo(a)anthracene	21.68	228	1183800	42.362	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	485494	44.296	ng		98
83) Chrysene	21.75	228	1137403	41.943	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	633578	43.823	ng		100
85) Di-n-octyl phthalate	22.79	149	1069494	45.238	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1394408	41.304	ng		99
88) Benzo(b)fluoranthene	23.90	252	1237989	40.637	ng		98
89) Benzo(k)fluoranthene	23.97	252	1258937	41.772	ng		99
90) Benzo(a)pyrene	24.78	252	1210091	42.101	ng		99
91) Dibenzo(a,h)anthracene	28.67	278	1181040	40.072	ng		98
92) Benzo(g,h,i)perylene	29.76	276	1024885	35.889	ng		98

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

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